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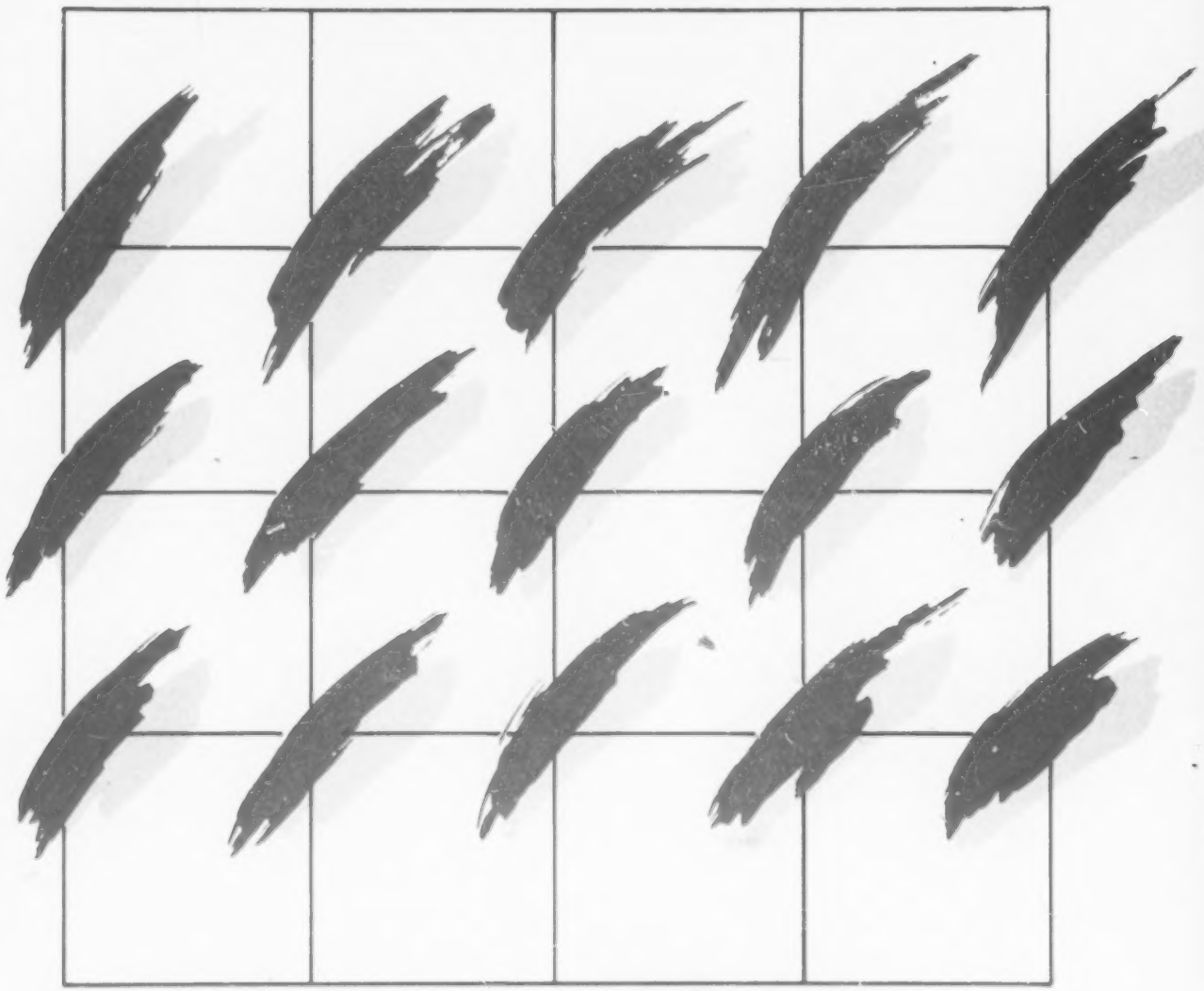
New Jersey ECONOMIC INDICATORS



THOMAS H. KEAN, Governor
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OCTOBER 1987

New Jersey ECONOMIC INDICATORS

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THE ECONOMIC SITUATION IN

The Nation

A number of key indicators of the nation's economic pace recorded sizeable gains in July, including industrial output, starts of single-family homes and retail sales. This was accompanied by a further decline of unemployment to 6.0% of the civilian labor force and somewhat slower price increases than had occurred earlier in the year, with producers' prices for finished goods climbing at an annual rate of less than 3% for the second month in a row. This good news was tempered, however, by a further weakening of apartment house construction, continued sluggishness of investment in commercial and industrial facilities, and a surge of imports that raised the international trade deficit to a record $39.5 billion for the second quarter.

Industrial production advanced by 0.8% in July, with across-the-board increases for business equipment, consumer goods, industrial materials, construction supplies and defense and space equipment. Auto assemblies and output of household durables slipped, reflecting the softening of consumer demand for big ticket items, but more than compensating gains were recorded by manufacturers of clothing, food products and other nondurable goods. Total industrial output was up 3.9% from the same month last year, after showing no real growth at all during the preceding 12 months. Factory jobs were up 158,000 over the same period, reversing their decline of 1985 and early 1986 but far from recouping the losses that occurred during the the last recession.

Starts of new single-family homes turned up in July, following a four-month decline attributed by industry analysts to rising mortgage interest rates. This was largely offset however, by a further deterioration of planned apartment units, leaving total housing starts essentially unchanged at a lackluster annual rate of 1.6 million (compared with 2 million a year and one-half ago). Prospects for single-family home construction are clouded by uncertainties over the likely behavior of interest rates, but some further rebound is possible if borrowing costs remain stable or rise only moderately. The outlook for multi-family projects, for which starts have declined steeply since early 1986, is less promising because of the persistence of high vacancy rates across much of the country and especially in the Sunbelt.

Retail sales increased by 0.8% in July to an annual rate of nearly $128 billion, thanks in part to a pick-up of spending on new cars, furniture and building materials from its sluggish pace of earlier in the year. The magnitude of July's increase surprised many analysts, most of whom continue to expect consumer spending to grow at only a moderate rate during the period ahead because of the heavy debt burden cur-

rently being carried by the nation's households. A one-month surge in this volatile statistic is not enough to warrant reconsideration of this prognosis.

Though consumer spending is expected to remain less buoyant than during the 1983-1986 period of explosive borrowing, business analysts are still counting on the consumer to help keep the economy on an upward course during the balance of 1987 and into 1988. They are also looking for improvement in the nation's balance of trade in belated response to the drop in the exchange value of the dollar and additional recovery of business investment in equipment for modernization and productivity enhancement. Sluggishness is expected to persist in multi-family home construction and investment in new office, commercial and industrial capacity, but expansion in other sectors is widely expected to be sufficient to support a 2 1/2% to 3% overall economic growth rate and keep unemployment near the 6% level.

The State

Labor supply constraints contributed to another shortfall of seasonal hiring in New Jersey during August, once again retarding the growth rate in the service sectors of the economy. Modest employment gains were recorded in transportation services, health care and finance, but hiring continued to lag at eating and drinking places and in a variety of retail trade, recreational and other service activities. Employment remained on a record-high plateau in construction, despite further evidence of a weakening of planned homebuilding, and most other key indicators continued to point upwards. The only significant exception was in manufacturing, where jobholding edged down for the eighth month in a row.

The net effect of these developments was a 1,100 decline in the number of employees on the payrolls of the state's nonfarm establishments, which totaled an estimated 3,556,700 in August on a seasonally adjusted basis. Because of the combination of recruitment difficulties in the service sectors, less summertime hiring by government agencies and payroll trimming in manufacturing, nonfarm wage and salary employment has slipped by more than 13,000 since April after adjusting for normal seasonal changes. Employers did, of course, add to their staffs over this period. They added only about 55,000, however, when past experience would suggest that they needed approximately 68,000 to satisfy seasonal requirements alone.

The burden of the state's tight labor market has fallen most heavily on seasonal industries that have traditionally depended upon students and other young persons to meet their peakload needs, particularly during the summer months. Such industries enjoyed a more than adequate labor supply when the "baby boomers" were entering the job market during the late 1960s and 1970s, but this has changed dramatically in the 1980s. Since 1981, the population in the 15-24 year-old age bracket has been declining by about 12,000 per year. This, coupled with strong demand for labor in other (often higher paying) industries and an unemployment rate averaging only about 4% thus far this year, has forced many employers in the service sectors to raise their wage offers and seek nontraditional sources of seasonal and part-time workers, such as senior citizens who represent the fastest growing segment of the state's population.

Shortages of youth have disrupted the normal seasonal pattern of labor market entry and hiring, especially during the spring and summer months, but they have not brought la-

bor force growth to a halt. Despite their smaller numbers, young persons are still entering the job market faster than their seniors are retiring. The state's labor force also continues to be augmented by increased labor force participation rates among women and the migration of workers from outside the state. This underlying growth will once again become evident in the fall, when both labor force and employment should move back onto an upward path.

The slippage of employment over the past four months followed substantially better than seasonal gains during last fall and the winter months, with the result that nonfarm wage and salary jobholding as of August was nearly 88,000 greater than at the same time in 1986. Over-the-year increases totaling about 80,000 in private sector service activities, 15,000 in construction and 3,500 in government were partially offset by a loss of approximately 11,000 jobs in manufacturing. Hiring over this period brought the total nonfarm employment increase since the current business expansion began 56 months earlier to 464,400.

Manufacturing remains the economy's principal trouble spot. In contrast to the nation as a whole, where hiring has picked up somewhat over the past year, factory employment declined in New Jersey by another 2,300 in August because of the permanent phase-out of several facilities, scattered temporary layoffs and seasonal hiring shortfalls in apparel and some other industries. August's decline dropped manufacturing employment in the state to an estimated 675,500 (seasonally adjusted), approximately 34,000 below what it was at the trough of the last recession and about 128,000 below its level prior to the back-to-back industrial downturns of 1980 and 1981-1982.

Though data on industrial production are not available for individual states, it is probable that the aggregate output of New Jersey facilities has shown at least some modest improvement over the past year. This is suggested by the fact that electric power usage by industrial customers during the first half of 1987 was up nearly 1% from a year earlier as well as by the likelihood (based on national trends) that output per manhour has risen by more than enough to compensate for a 2.7% drop in the number of production worker manhours worked from August 1986 to August 1987.

New Jersey's continued factory job losses in the face of some turnaround nationally has to be cause for continued concern. It is worth noting, however, that improvement nationally has been very uneven and that New Jersey may be lagging in part because of the mix of industries that have benefited thus far from the more competitive international trade situation. Certain key industries that showed particular promise for a cyclical rebound within New Jersey in response to the reduced foreign exchange value of the dollar--machinery, instruments, electrical equipment and fabricated metal products--have all experienced job losses over the past year even at the national level. Most of the increase nationally has been in lumber, primary metals, textiles, apparel, printing and publishing, plastics products and food products. All of these industries have recorded at least small employment gains in New Jersey except primary metals and apparel, both long-term declining industries, and printing and publishing, a strong growth industry that simply has taken a pause in the Garden State over the past year.

Construction activity in the Garden State remained at a record level in August, with employment holding at about 168,000 (seasonally adjusted) for the fifth month in a row. Building permits for new single family home construction have declined substantially in recent months and total residential contract awards for the first eight months of the year were down about 13% from the comparable period in 1986, suggesting potential weakness in this segment of the industry at some point in the future. Prospects remain excellent, on the other hand, for nonresidential building, for which contracts through August were running 25% ahead of last year's very strong pace. Also on the plus side, year-to-date heavy engineering contracts (for highways, sewer systems, utilities and other infrastructure) were up 2.4% and, through July, the dollar volume of building permits for residential addition and alteration projects was up 34% from a year earlier.

Mirroring national trends, consumer spending has moderated in New Jersey from its torrid

and unsustainable pace of the 1983-1986 period, particularly for big-ticket items such as new cars and household durable goods. Retail sales during the first seven months of this year were up from a year earlier by 5.8% in current dollars and roughly 2.6% in "real" (inflation-adjusted) terms. During the preceding four years, "real" retail sales had climbed at an average annual rate of nearly 8%. Auto sales have been particularly sluggish, with new passenger car registrations during the January-July period off 8% from their volume during the same period in 1986, which ended up as the best year on record.

The recent easing of retail spending at both the state and national levels was inevitable in light of the heavy debt burden accumulated by households during the past several years. It is a sign of a maturing economic expansion and not a cause for alarm. Most economic forecasters see rising trend into 1988 and, with New Jersey enjoying the second highest per capita income in the nation and unemployment well below the national average, retailers in the Garden State should do at least as well as their counterparts in most other states.

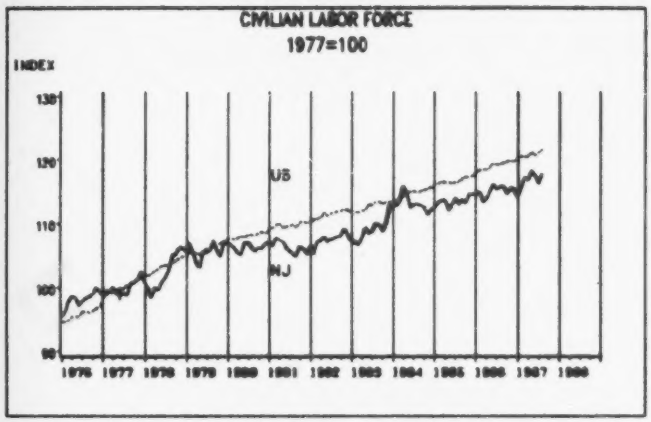
Aside from a possible slowdown of home-building, the New Jersey economy should hold to its expansionary course during the year ahead. Other types of construction should remain strong and there still are prospects for improvement in the manufacturing sector. Employment growth will be mostly in service activities, however, and the number employed will increase more slowly than in recent years because of the tight labor market. The rate of expansion of the labor force will be the governing factor and this will probably hold the employment gain to somewhere in the 55,000 to 65,000 range.

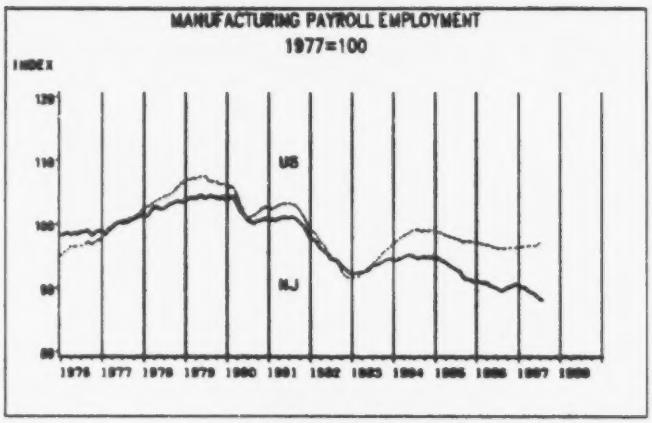
COMPARATIVE ECONOMIC INDICATORS NEW JERSEY AND UNITED STATES

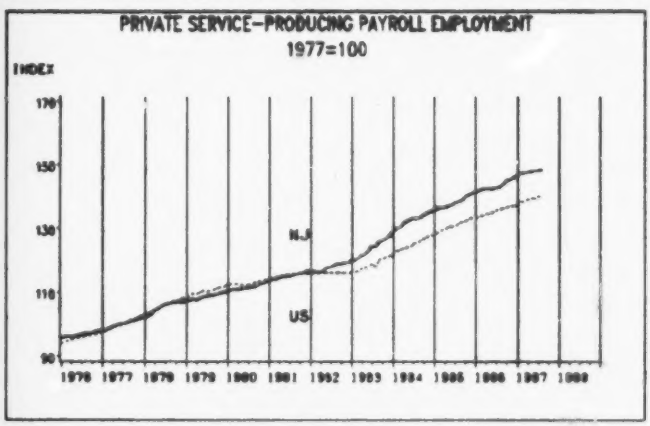
New Jersey Data (Seasonally Adjusted)						Year to Date Percent Change From Year Ago	
Latest Month	Month Ago	Year Ago	Data For	Series	Page No.	N.J.	US.
$144,359	$142,288	$136,352	1st Qtr.	Personal Income (millions)**		+5.9	+ 4.6
$4,596	$4,579	$4,292	Jul	Retail Sales (millions)	S-22	+5.8	+ 4.7
2,871	2,885	2,814	Jun	New Business Incorp. (number)	S-16	-1.0	-0.9
71	70	61	Jun	Business Failures (number)	S-16	-14.0	+6.6
3,073	3,913	3,572	Jul	Dwelling Units Authorized (number)	S-20	-6.2	-11.9
$790.3	$880.3	$641.5	Aug	Construction Contracts (millions)	S-18	+1.6	+1.9
$360.8	$400.3	$315.0	Aug	Residential	S-18	-12.8	-1.5
$295.6	$375.5	$222.7	Aug	Nonresidential	S-18	+25.0	+3.2
$133.9	$104.6	$103.8	Aug	Nonbuilding*		+2.4	+8.8
3,556.7	3,557.8	3,471.8	Aug	Nonfarm Payroll Employment (thous.)	S- 8	+2.6	+2.4
675.5	677.8	686.5	Aug	Manufacturing (thousands)	S-10	-1.2	0
2,881.2	2,880.0	2,785.3	Aug	Nonmanufactuirng (thousands)		+3.6	+2.9
171	159	192	Aug	Total Unemployment (thous.) official	S- 4	-20.0	-8.3
4.3	4.0	4.9	Aug	Percent of Labor Force official	S- 6	- -	- -
74.7	73.8	87.9	Aug	Insured Unemployment (thousands)	S-24	-12.7	INA
2.2	2.2	2.7	Aug	Percent of Labor Force official	S-24	- -	- -
41.0	41.3	41.2	Aug	Average Factory Workweek (hours)	S-12	0	+0.6
$10.50	$10.50	$10.15	Aug	Average Factory Hourly Earnings*	S-33	+3.1	+1.5
$428.40	$428.40	$416.15	Aug	Average Factory Weekly Earnings*	S-31	+ 3.1	+ 2.1

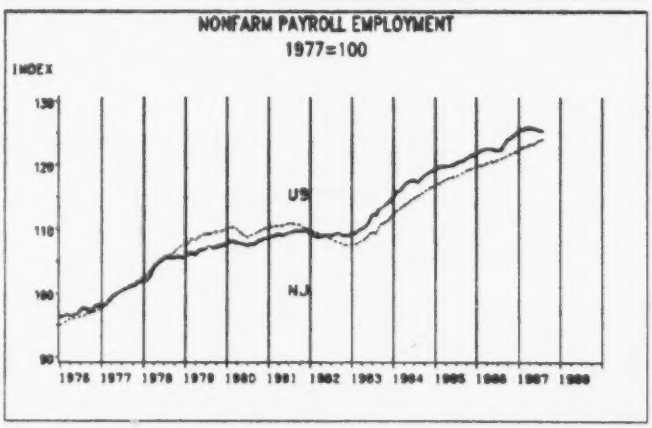
See pages S-1 to S-3 for data notes on all the above listed series.
* Not seasonally adjusted
** (Latest Month-1st Qtr. '87) Month Ago-4th Qtr. '86) (Year Ago-1st Qtr. '86)
INA- Information Not Available

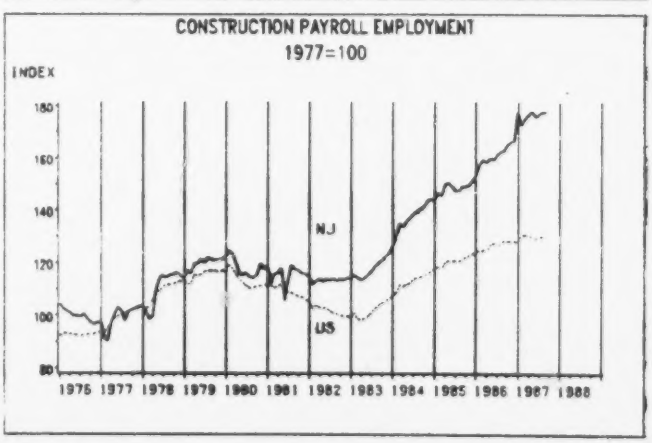
Comparisons of Economic Trends in New Jersey and the United States



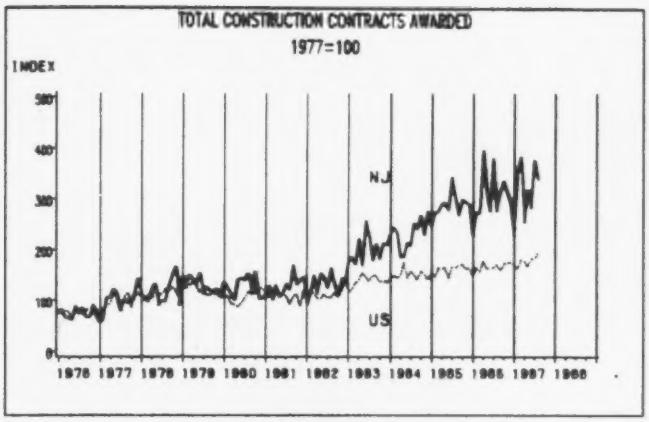


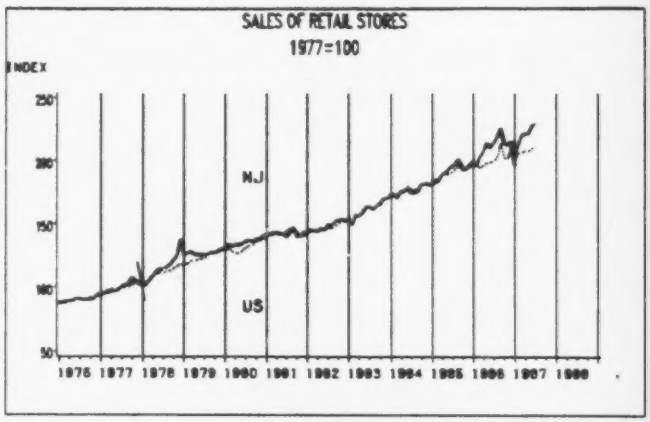


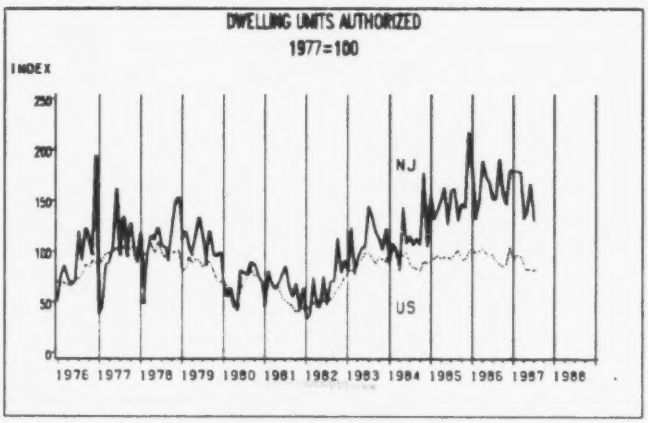


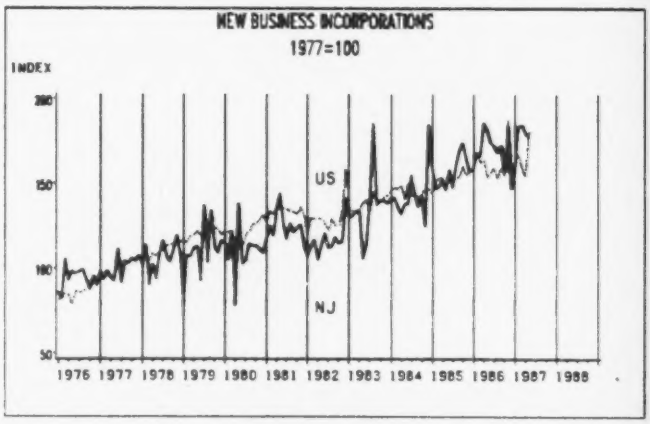


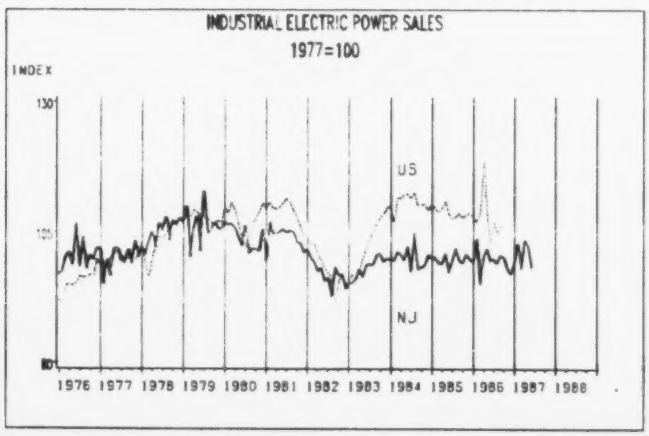
All data in the charts on these two pages have been seasonally adjusted and indexed to a 1977 base with one exception. Data on the unemployment rate is presented in actual units. The advantage of using an index is that it facilitates comparisons between the State and the Nation.

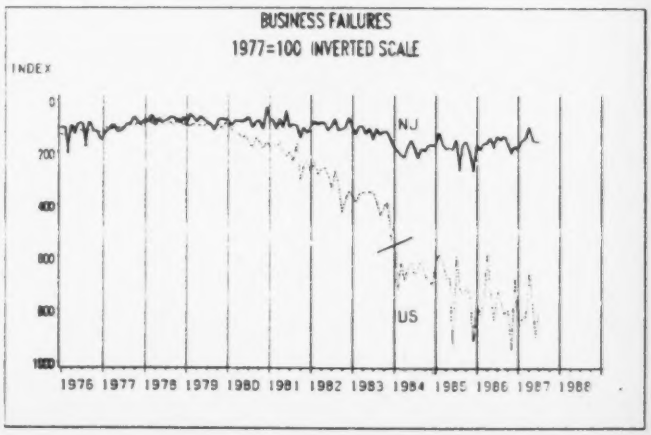












WAGES IN COVERED EMPLOYMENT DURING 1986

by
William Saley
Office of Demographic and Economic Analysis

Annual wages in employment covered by unemployment insurance in New Jersey averaged $22,327 in 1986. Of its neighbors, only New York had a higher wage than New Jersey. Covered wages for New York, Delaware and Pennsylvania were $23,200, $19,639 and $19,404, respectively. New Jersey compared favorably with the 1986 national average of $19,966 and ranked fifth among all states.

These figures are based on reports submitted by employers covered by state and federal unemployment insurance programs. Although the type of employers covered may vary from state to state, the statistics are generally comparable. In 1986, approximately 98 million workers were covered in the nation, while in New Jersey approximately 3.4 million workers were covered by the state and federal unemployment insurance programs.

Major exclusions from unemployment insurance coverage include most agricultural workers, elected officials in most states, most domestics, most student workers and employees of small non-profit organizations. A more detailed description of exclusions is located in the appendix of the Division of Planning and Research's *New Jersey Covered Employment Trends, 1985.*

Average wages were calculated by dividing total annual payrolls of covered employers by the average number of those workers earning wages during the 12th day of each month of the year. Payroll data included overtime compensation and bonuses for both full- and part-time workers. In addition, since workers are reported by individual employers at the job site, this total does not match the number of persons holding jobs. Since workers may be employed by more than one covered employer, covered employment exceeds the number of individual workers involved. Finally, since turnover enables more than one worker to hold the same job over the course of the year, average wages are on a filled-covered job basis and not on a per person basis.

PRIVATE-SECTOR WAGES: N.J. vs U.S.

The annual average private-sector wage in New Jersey went from $20,958 in 1985 to $22,188 in 1986, an increase of 5.9%. This gain was only slightly less than the state's 6.0% increase from 1984 to 1985. National private-sector wages rose by 4.0% in 1986, a smaller gain than the 4.4% increase from 1984 to 1985.

On average in 1986, New Jersey workers in the private sector earned 12.4% more than

their national counterparts (see Table 1). Furthermore, in all major industry divisions but mining, average wages in New Jersey were higher than in the nation. Wage differences between New Jersey and the nation were most pronounced in construction, where averaged local wages were over 21% higher. Earnings in the trade and service categories were also substantially above national averages.

These wage differences should be interpreted with caution since they reflect, in part, differences in industry mix. For example, roughly 90% of all mining workers in New Jersey are engaged in sand and gravel excavation, crushed stone work, etc. These industries tend to pay less than coal and metallic mining, and oil and gas extraction, which nationally are primary mining activities.

TABLE 1

AVERAGE COVERED WAGES IN PRIVATE SECTOR
MAJOR INDUSTRY COMPARISON
NEW JERSEY AND UNITED STATES
1986

INDUSTRY	U.S.	N.J.	PERCENT DIFFERENCE
Mining	$32,555	$30,348	-6.8%
Construction	22,190	26,983	21.6
Manufacturing	24,861	26,844	8.0
Trans/Comm/Public Utilities	26,561	29,047	9.4
Wholesale Trade	24,820	28,197	13.6
Retail Trade	11,139	12,555	12.7
Fin/Ins/Real Estate	24,249	24,910	2.7
Services	17,643	19,937	13.0
Total Private Sector	$19,746	$22,188	12.4%

INDUSTRY WAGES IN N.J.

Data for New Jersey business sectors, excluding those firms which failed to provide sufficient information for classification, show that the highest wages in 1986 in New Jersey were paid in communications and public utilities ($36,090), mining ($30,348), wholesale trade ($28,197), construction ($26,983) and manufacturing ($26,844) (see Table 2).

The retail trade and agriculture divisions paid the lowest annual wages in 1986, averaging $12,555 and $14,115, respectively. Their average wages tend to be low not only because of comparatively low wage rates but also because both sectors employ large numbers of part-time workers. In addition, the state's unemployment insurance program does not cover all agricultural workers; therefore, wage data for this sector should be interpreted with caution.

Heading the list of specific industries which paid high wages in 1986 were security and commodity brokers ($49,230) and petroleum refining ($44,214). At the low end of the wage scale for specific industries were private households with domestic help and eating and drinking establishments, which paid $9,851 and $8,240, respectively in 1986.

Aside from the state's small mining component, average wages rose fastest from 1985 to 1986 in the finance/insurance/real estate (FIRE) division. This group posted an average wage increase of nearly 10% in 1986 after recording a gain of over 11% in 1985. Rapid employment growth in the FIRE division's high-pay security and commodity broker component helped to fuel the division's overall wage increases.

TABLE 2
AVERAGE WAGES IN COVERED EMPLOYMENT BY MAJOR INDUSTRY IN NEW JERSEY 1985 AND 1986

Major Industry	1985	1986	Percent Change
Agriculture	$13,155	$14,115	7.3%
Mining	27,395	30,348	10.8
Construction	25,962	26,983	3.9
Manufacturing	25,418	26,844	5.6
Transportation	23,097	24,200	4.8
Comm/Pub Util.	33,782	36,090	6.8
Wholesale Trade	26,522	28,197	6.3
Retail Trade	11,652	12,555	7.7
Fin/Ins/Real Estate	22,702	24,910	9.7
Services	18,870	19,937	5.7
Unclassified	17,833	19,971	12.0
Private Sector	20,958	22,188	5.9
Government	21,962	23,131	5.3
Total	$21,107	$22,327	5.8%

PRIVATE-SECTOR WAGES: COUNTY COMPARISONS

At $27,542, Salem County had the highest average private-sector covered wage in the state in 1986, followed by Morris, Somerset and Union counties (see Table 3). They were the only counties where employers paid an average annual wage greater than $24,000. Middlesex and Bergen counties showed over $23,000 in annual average wages.

As in the past, Salem County's high wage was due to the heavy concentration (55%) of county employment in the high-paying construction, manufacturing and communications and public utilities industries. This contrasts with only 32% of workers employed by construction, manufacturing and communications and public utilities firms in the state.

Employers in Cape May, Sussex and Ocean counties paid the lowest annual wages in the state in 1986. These counties have heavy concentrations in the retail trade and service sectors, which tend to pay less than the all-industry average. In addition, Ocean and Cape May counties both have economies dependent in large part on the summer vacation season.

Wages rose fastest from 1985 to 1986 in Monmouth and Sussex counties, where gains exceeded 8%. Both reported particularly sharp wage increases for their construction and finance/insurance/real estate sectors. Other areas showing rapidly rising earnings were Ocean, Somerset, Morris and Bergen counties. Ironically, the only county where the average wage declined was top-ranked Salem. A number of highly paid construction jobs were lost there as work on the nuclear power plant neared completion.

County rankings remained relatively stable in 1986. Morris County again reported an average covered wage second only to that of Salem. Two changes did occur, however, near the top of the list. Somerset County moved past Union to claim the third highest average wage in 1986, while Bergen County supplanted Essex in the number six spot. Further down the list Monmouth and Burlington Counties each moved up a notch to occupy the 14th and 15th positions, respectively.

TABLE 3

AVERAGE COVERED WAGES
BY COUNTY
PRIVATE SECTOR 1985 - 1986

County	1985	1986	Change	Rank 1985	Rank 1986
Atlantic	$18,182	$19,334	6.3	14	16
Bergen	21,765	23,346	7.3	7	6
Burlington	18,029	19,356	7.4	16	15
Camden	19,471	20,262	4.1	13	13
Cape May	13,539	14,049	3.8	21	21
Cumberland	16,780	17,882	6.6	18	18
Essex	22,004	22,968	4.4	6	7
Gloucester	17,753	18,583	4.7	17	17
Hudson	19,953	20,973	5.1	10	11
Hunterdon	19,852	21,139	6.5	11	10
Mercer	20,902	22,281	6.6	8	8
Middlesex	22,177	23,442	5.7	5	5
Monmouth	18,138	19,759	8.9	15	14
Morris	23,749	25,517	7.4	2	2
Ocean	15,080	16,247	7.7	19	19
Passaic	20,244	21,361	5.5	9	9
Salem	28,873	27,542	-4.6	1	1
Somerset	23,178	24,949	7.6	4	3
Sussex	14,857	16,067	8.1	20	20
Union	23,577	24,546	4.1	3	4
Warren	19,575	20,845	6.5	12	12
Undistributed & Statewide*	23,795	26,293	10.5		
TOTAL	$20,958	$22,188	5.9		

**Includes wages for employees who have not yet been assigned to a specific geographic area and for employees, such as sales agents, who are not employed in a specific geographic location.*

STATISTICAL SECTION

Please Note:

Each year the data series in *Economic Indicators* are revised using new benchmarks and seasonal adjustment factors. For this reason, it would be incorrect to generate an historic time series for *Economic Indicators* data by taking old issues of the *Economic Indicators* and tying the series together.

SEASONAL ADJUSTMENT OF DATA

All charts, except charts I and II and where otherwise noted, contain data seasonally adjusted by the X-11 variant of the U.S. Census Bureau program.

Data for 1975 and subsequent years in charts I and II have been seasonally adjusted using the ARIMA (Auto-Regressive Integrated Moving Average) method of seasonal adjustment developed by Statistics Canada.

For those series which are affected by the occurrence of five rather than four of a particular day of the week, during the course of a month in any given year, a statistical adjustment known as "trading day" has been made.

TABLE NOTES

Preliminary and revised data are indicated by a "p" or "r" after the entry.

CHART NOTES

Unless otherwise noted, all graphs were developed with seasonally adjusted data. Some series were plotted with the following variations noted on the graph itself:

Moving Averages. Series where the monthly data vary erratically have been plotted with moving averages and with nonaveraged data superimposed for the most recent years.

Ratio Scales. Where ratio scales were used to show constant rates of change a straight lines, this has been noted; otherwise, the graph is on an arithmetic scale.

Inverted Scales. For series where declines are associated with economic expansion (such as unemployment and business failures) an inverted scale has been used and noted.

Since the scale of each series is determined by the volume and trend of the data time series, caution should be exercised in making comparisons among charts.

MONTHLY AVERAGES

On Page S-37 are the monthly averages of the series data for recent years to be used as a benchmark for evaluating current monthly data.

SHADED AREAS

Periods identified by the National Bureau of Economic Research (NBER) as ones of general national contraction have been shaded. They include the periods December 1969-November 1970, November 1973-March 1975, January 1980-July 1980 and July 1981-November 1982.

SERIES SOURCES

1-6	NJ Department of Labor Division of Planning and Research US Bureau of Labor Statistics
7-16	NJ Department of Labor Division of Planning and Research
17	US Bureau of Labor Statistics
18	NJ Department of Labor Division of Planning and Research
19-20	Dun & Bradstreet, Inc.
21	Edison Electric Institute: 1969-1979 US Department of Energy, Energy Information Administration: 1980-present
22-24	McGraw-Hill Information Systems Company, F.W. Dodge Division

25-27 NJ Department of Labor
Division of Planning and Research

28-29 US Bureau of the Census

30 R.L. Polk and Company

31-36 NJ Department of Labor
Division of Planning and Research

SERIES NOTES

1-6 The RESIDENT LABOR FORCE INDICATORS are estimated by two different methodologies. The **official series** is based on the U.S. Bureau of Labor Statistics (BLS) monthly survey of some 2,730 New Jersey households. The **unofficial series** is based on a combination of unemployment insurance claims, employer survey data, estimating formulas, and household survey benchmarks.

Both data series are based upon population estimates and weights derived from the 1980 U.S. Census of Population.

Official series data have been adjusted to 1986 population estimates produced by the U.S. Bureau of the Census.

Unofficial series data have been adjusted to a 1986 benchmark.

The LABOR FORCE PARTICIPATION RATE and the EMPLOYMENT/POPULATION RATIO (Series 4 and 5) are expressed as percentages of the civilian noninstitutional population aged 16 years and over.

The New Jersey Department of Labor (NJDOL) agrees to publish the BLS approved estimates of labor force, employment, unemployment and unemployment rate for the State and all published areas, and agrees to label these data as the data used to allocate federal funds and determine eligibility for federal assistance programs. NJDOL reserves the right to publish alternate labor force and unemployment data for State purposes and will suitably label such data so as to distinguish them from the BLS approved series.

7-12 THE ESTABLISHMENT EMPLOYMENT INDICATORS are generated from a monthly survey of employers on the number of persons who worked or received pay for any part of the pay period including the 12th of the month. The series are adjusted to March 1986 benchmarks and reflect the 1972 SIC (Standard Industrial Classification Manual) changes. See information on page S-29 for additional information on estimating state government employment.

PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (Series 8) is computed by subtracting government employment from total nonfarm payroll employment.

SERVICE-PRODUCING INUSTRIES PAYROLL EMPLOYMENT (Series 12) includes the industries of trade, services, finance/insurance/real estate, and transportation/communications/public utilities.

13 MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS is developed from a monthly survey of employers on the number of nonsupervisory employees in the manufacturing sector who worked during or received pay for any part of the pay period including the 12th of the month. The series are adjusted to 1986 benchmarks and reflect the 1972 SIC changes.

14 MANUFACTURING WORKWEEK - PRODUCTION WORKERS is derived from a monthly survey of employment and earnings. The workweek is estimated by dividing AGGREGATE MANUFACTURING WEEKLY MAN-HOURS BY MANUFACTURING EMPLOYMENT-PRODUCTION WORKERS.,

15 AGGREGATE MANUFACTURING WEEKLY MAN-HOURS -PRODUCTION WORKERS are estimated from a monthly survey of the manhours worked by manufacturing production workers.

16 WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors. Data are not seasonally adjusted.

17 The CONSUMER PRICE INDEX (CPI) measures the change in prices of a fixed market basket of goods and services purchased by urban workers. The index represents price changes for everything people buy for living--food, clothing, automobiles, homes, furnishings, fuel, drugs; fees to doctors, lawyers, and beauty shops; and rent, repair costs, transportation fares, public utility rates, etc. All taxes (sales, excise, real estate, etc.) directly associated with the purchase and continued ownership of an item are included in the price. Income and other personal taxes not associated with prices of specific goods are excluded.

The data series reproduced in the report are the **Urban Wage Earners and Clerical Workers** series (CPI-W).

CPI-W is based on urban consumer units where more than one-half fo the income is earned from clerical or wage occupations. In addition, one of the members must work for 37 weeks or more in an eligible occupation. The CPI-W population represented 30 percent of the total United States population in 1981.

The U.S. CPI is the **U.S. City Average.**

The N.Y. CPI is for the **New York. N.Y.-Northeastern New Jersey** area which includes in New Jersey: Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union counties; and in New York: New York City, Nassau, Rockland, Suffolk, and Westchester counties.

The Phila. CPI is for the **Philadelphia, Pa.-New Jersey** area which includes in New Jersey: Burlington, Camden, and Gloucester counties; and in Pennsylvania Bucks, Chester, Delaware, Montgomery, and Philadelphia counties.

Questions on the use of the CPI should be addressed to the U.S. Bureau of Labor Statistics offices in New York City (212) 944-3121 or in Philadelphia (215) 596-1154.

THERE IS NO NEW JERSEY CONSUMER PRICE INDEX NOR COST-OF-LIVING INDEX.

18 NET SPENDABLE EARNINGS are calculated by adjusting gross average weekly earnings for the effects for state and federal taxes and inflation. Federal tax adjustments are made by the New Jersey Department of Labor according to a formula previously developed by the U.S. Department of Labor. Inflation adjustments are based on the average **Consumer Price Index for Urban Wage Earners and Clerical Workers** in the New York-Northeastern New Jersey and the Philadelphia-New Jersey areas. The data are not seasonally adjusted.

20 Business failures data beginning with January 1984 are not comparable to those prior to that date due to coverage of industries not previously included. Beginning in January 1984, all industries are included in the data.

21 Beginning with February 1987 issue of the Economic **Indicators**, data on total electric power sales have been replaced by industrial electric power sales. Industrial electric power sales are estimates of total sales electricity by utilities to industrial users only. They are based on a sample of utilities surveyed by the U.S. Energy Information Administration, as reported in Electric Power Monthly (DOE/EIA-0226).

22-24 THE CONSTRUCTION CONTRACTS INDICATORS are proprietary data provided by special permission of the F.W. Dodge Division, McGraw-Hill Information Systems Company.

The cumulative data presented in the table on page 3 are not the sum of the data contained in series 22,23, and 24. The cumulative data contain retroactive revisions made after the monthly data were originally published. The monthly data have not been revised.

TOTAL CONSTRUCTION CONTRACTS AWARDED (Series 22) is the sum of seasonally adjusted residential and nonresidential construction contract awards and unadjusted nonbuilding construction contracts awards. The nonbuilding component does not exhibit a stable seasonal pattern.

25-27 The RESIDENTIAL BUILDING PERMITS INDICATORS are compiled as of the fifth day of the second following month and are not revised as subsequent reports are received. Since the reports from all New Jersey municipalities are never received by the cutoff date, preliminary figures are used for both the current and the historical series in order to ensure comparability. Final monthly data incorporating late reports appear in the annual summaries of **New Jersey Residential Building Permits**, published by the Division of Planning and Research.

TOTAL PRIVATE DWELLING UNITS AUTHORIZED by building permits (Series 25) data is the sum of seasonally adjusted single-family and two-family dwelling units and unadjusted three-or-four family and multi-family dwelling units. Public housing units are not included in either the New Jersey or U.S. series and represents a tiny fraction of the total.

DWELLING UNITS (5 or MORE) AUTHORIZED BY BUILDING PERMITS (Series 27) include all multi-family structures with five or more units, except those in public housing. Data do not exhibit a stable seasonal pattern and are therefore not appropriate for seasonal adjustment.

28-29 The figures prior to 1970 for SALES OF RETAIL STORES were adjusted by the New Jersey Department of Labor to account for sample revisions introduced in 1968 by the U.S. Census Bureau.

SALES OF RETAIL STORES IN 1967 DOLLARS (Series 29) has been deflated by the "commodities only" component of the average New York-Northeastern New Jersey and Philadelphia-New Jersey **Consumer Price Index for All Urban Consumers.**

30 New passenger car registrations data are total new passenger cars registered in New Jersey, regardless of the State in which the sales occur, and include both domestically produced as well as imported vehicles

Because of unemployment insurance coverage and other law changes affecting eligibility for benefits, data on unemployment insurance claims (Series 31-36) may not be directly comparable between years.

31 WEEKS CLAIMED (WEEKLY AVERAGE) is computed by dividing the total number of weeks claimed (intrastate and interstate agent under Regular UI program only) in the month by the number of weeks in the month.

The INSURED UNEMPLOYMENT RATE (IUR) is the seasonally adjusted weekly average of claimants (intrastate and interstate agent claims under the regular state program only) as a percent of the estimated covered employment.

32 The INITIAL CLAIMS WEEKLY AVERAGE represents intrastate and interstate agent claims under the regular state UI program only.

33 The UNEMPLOYMENT INSURANCE EXHAUSTONS are from the regular state program only.

34-36 The industry INSURED UNEMPLOYMENT data are derived from a three percent sample of all claimants under the regular state unemployment insurance program. The data reflect the number of insured unemployed during the week generally containing the 12th of the month, although the data are a count of the claims filed during the subsequent week.

INSURED UNEMPLOYMENT IN SERVICE PRODUCING INDUSTRIES (Series 36) includes the industries of transportation/communications/public utilities, trade, finance/insurance/real estate, and services.

Data on insured unemployment in manufacturing and service-producing industries consist of the sum of the seasonally adjusted or unadjusted data for the respective industry components. The decision to seasonally adjust the component industries is based upon individual consideration of the industries and whether seasonal adjustment is statistically meaningful.

TABLE I RESIDENT LABOR FORCE INDICATORS - I

1. CIVILIAN LABOR FORCE (000) SEASONALLY ADJUSTED DATA

DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	3,811	3,747	3,805	3,841	3,875	3,874	3,857	3,911
FEB	3,816	3,771	3,830	3,844	3,889	3,874	3,908	3,920
MAR	3,841	3,777	3,842	3,833	3,834	3,881	3,965	3,928
APR	3,930	3,810	3,844	3,824	3,851	3,890	3,946	3,942
MAY	3,881	3,834	3,790	3,810	3,891	3,892	4,003	3,956
JUN	3,800	3,844	3,826	3,811	3,928	3,894	3,977	3,961
JUL	3,819	3,843	3,855	3,826	3,904	3,893	3,930	3,967R
AUG	3,824	3,844	3,822	3,832	3,916	3,871	3,986	3,956P
SEP	3,814	3,858	3,849	3,835	3,918	3,886		
OCT	3,806	3,861	3,829	3,844	3,876	3,898		
NOV	3,764	3,836	3,875	3,854	3,914	3,922		
DEC	3,797	3,853	3,874	3,849	3,900	3,926		

2. RESIDENT EMPLOYMENT (000) SEASONALLY ADJUSTED DATA

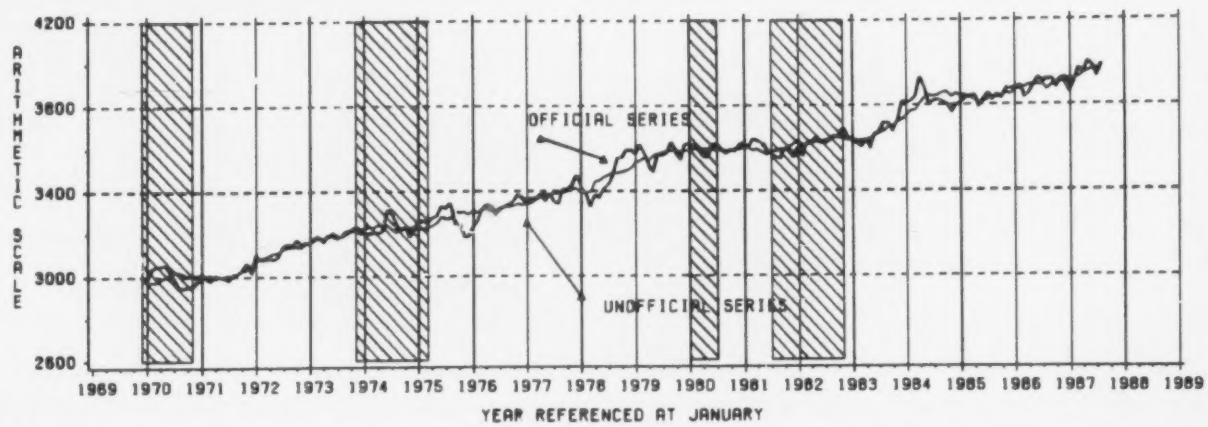
DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	3,549	3,509	3,584	3,621	3,645	3,654	3,718	3,741
FEB	3,579	3,531	3,600	3,617	3,666	3,669	3,746	3,751
MAR	3,583	3,537	3,613	3,607	3,670	3,680	3,819	3,766
APR	3,666	3,578	3,609	3,598	3,664	3,689	3,791	3,789
MAY	3,643	3,595	3,603	3,594	3,685	3,691	3,836	3,805
JUN	3,601	3,606	3,615	3,596	3,728	3,694	3,809	3,810
JUL	3,584	3,606	3,635	3,606	3,698	3,689	3,771	3,811R
AUG	3,579	3,605	3,639	3,620	3,724	3,677	3,815	3,800P
SEP	3,573	3,618	3,645	3,621	3,729	3,702		
OCT	3,590	3,621	3,601	3,635	3,674	3,720		
NOV	3,546	3,620	3,641	3,643	3,737	3,738		
DEC	3,577	3,624	3,647	3,646	3,727	3,753		

3. UNEMPLOYMENT (000) SEASONALLY ADJUSTED DATA

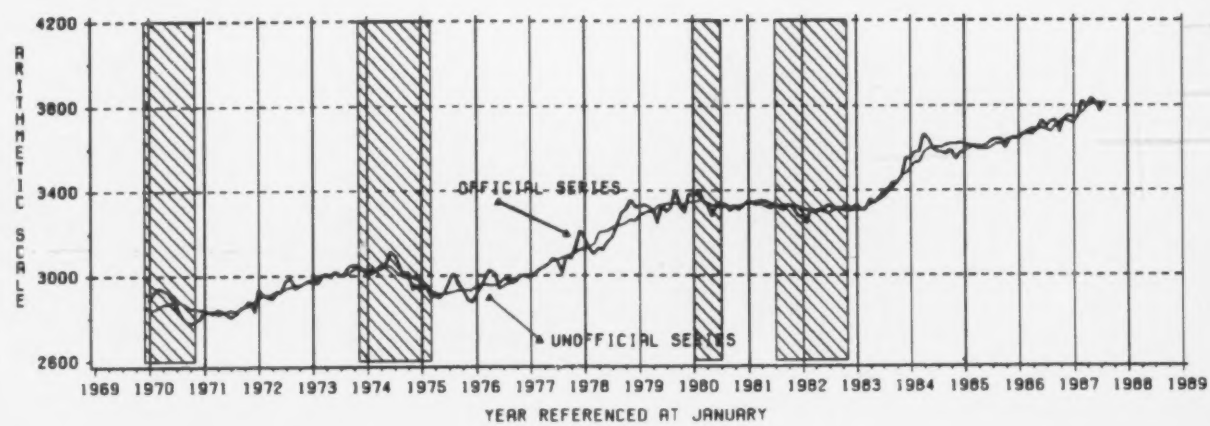
DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	262	238	221	221	230	220	139	170
FEB	237	240	230	227	223	205	162	168
MAR	258	240	229	226	164	201	146	162
APR	264	232	235	226	187	201	155	153
MAY	238	239	187	216	206	201	167	150
JUN	199	239	211	216	200	201	168	151
JUL	235	237	220	220	206	204	159	156R
AUG	245	239	183	212	192	194	171	156P
SEP	241	240	204	214	189	184		
OCT	216	240	228	210	202	178		
NOV	218	216	234	211	177	184		
DEC	220	229	227	203	173	173		

CHART I RESIDENT LABOR FORCE INDICATORS–I

1. CIVILIAN LABOR FORCE (000)



2. RESIDENT EMPLOYMENT (000)



3. UNEMPLOYMENT (000) –INVERTED

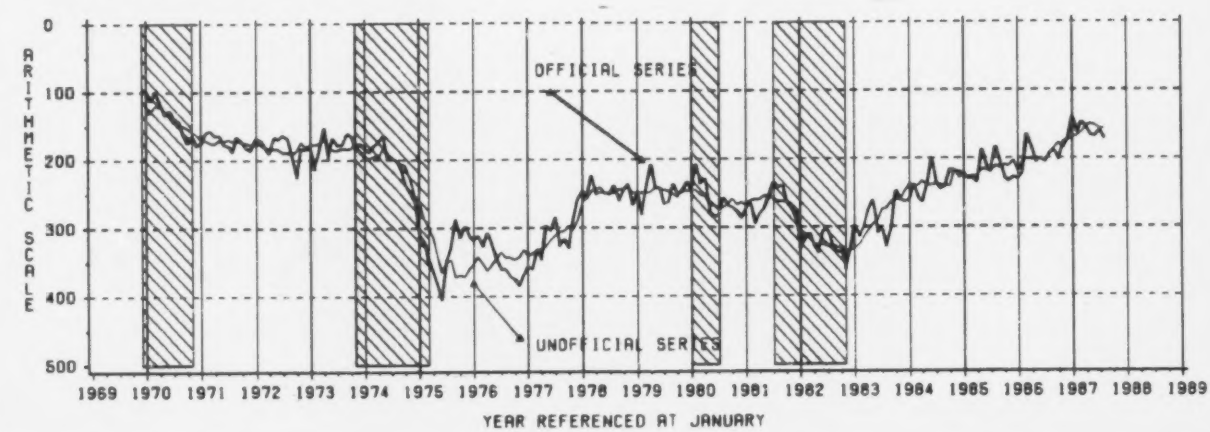


TABLE II RESIDENT LABOR FORCE INDICATORS - II

4. LABOR FORCE PARTICIPATION RATE (%) SEASONALLY ADJUSTED DATA

DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	65.6	64.5	65.0	65.7	65.7	65.7	64.8	65.7
FEB	65.6	64.8	65.4	65.7	65.9	65.7	65.6	65.8
MAR	66.0	64.9	65.6	65.5	64.9	65.7	66.5	65.8
APR	67.5	65.4	65.6	65.3	65.2	65.8	66.1	66.0
MAY	66.6	65.8	64.7	65.0	65.8	65.8	67.0	66.2
JUN	65.1	65.9	65.3	65.0	66.3	65.8	66.5	66.2
JUL	65.4	65.8	65.8	65.3	65.9	65.7	65.6	66.3
AUG	65.5	65.8	65.1	65.3	66.0	65.3	66.5	66.0P
SEP	65.3	66.0	65.5	65.3	66.0	65.5		
OCT	65.1	66.0	65.1	65.4	65.3	65.6		
NOV	64.4	65.6	65.9	65.5	65.9	66.0		
DEC	64.9	65.9	65.8	65.4	65.6	66.0		

5. EMPLOYMENT/POPULATION RATIO (%) SEASONALLY ADJUSTED DATA

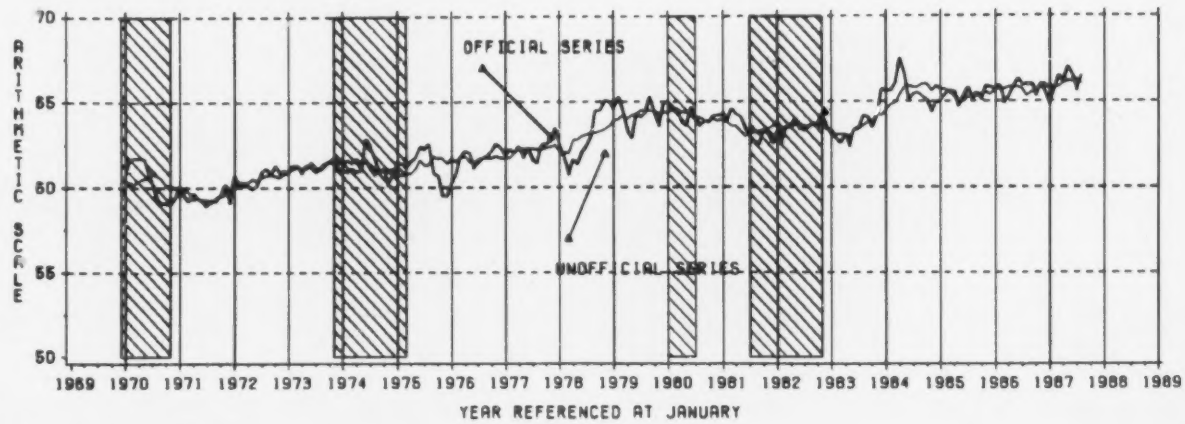
DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	61.1	60.4	61.3	61.9	61.8	62.0	62.4	62.8
FEB	61.5	60.7	61.5	61.8	62.1	62.2	62.8	62.9
MAR	61.6	60.8	61.7	61.6	62.2	62.3	64.0	63.1
APR	62.9	61.4	61.6	61.4	62.0	62.4	63.5	63.5
MAY	62.5	61.7	61.5	61.3	62.3	62.4	64.2	63.7
JUN	61.7	61.8	61.7	61.3	63.0	62.4	63.7	63.7
JUL	61.4	61.7	62.0	61.5	62.4	62.2	63.0	63.7
AUG	61.3	61.7	62.0	61.7	62.8	62.0	63.7	63.4P
SEP	61.1	61.9	62.1	61.6	62.8	62.4		
OCT	61.4	61.9	61.3	61.8	61.9	62.6		
NOV	60.6	61.9	61.9	61.9	62.9	62.9		
DEC	61.1	62.0	61.9	61.9	62.7	63.1		

6. UNEMPLOYMENT RATE (%) SEASONALLY ADJUSTED DATA

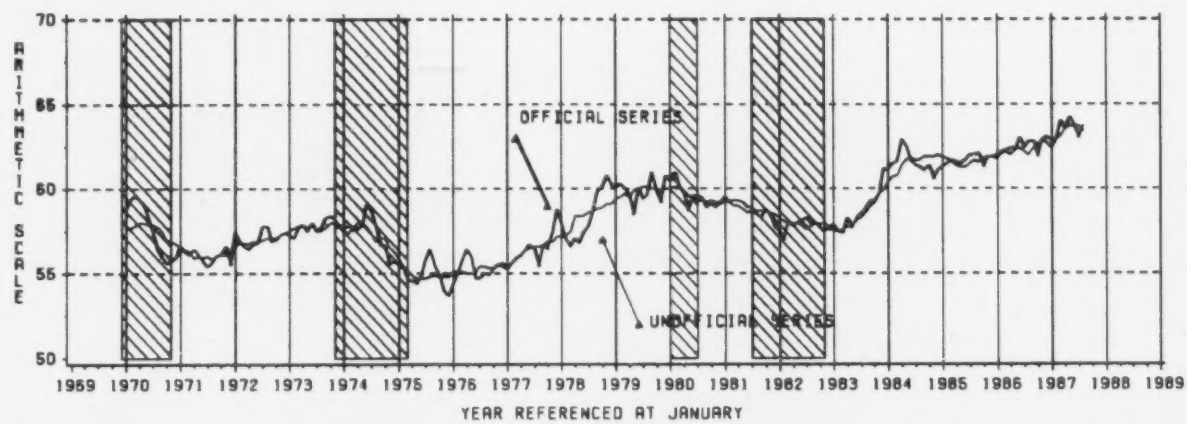
DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	6.9	6.3	5.8	5.8	5.9	5.7	3.6	4.3
FEB	6.2	6.4	6.0	5.9	5.7	5.3	4.1	4.3
MAR	6.7	6.4	6.0	5.9	4.3	5.2	3.7	4.1
APR	6.7	6.1	6.1	5.9	4.9	5.2	3.9	3.9
MAY	6.1	6.2	4.9	5.7	5.3	5.2	4.2	3.8
JUN	5.2	6.2	5.5	5.7	5.1	5.2	4.2	3.8
JUL	6.2	6.2	5.7	5.7	5.3	5.2	4.0	3.9
AUG	6.4	6.2	4.8	5.5	4.9	5.0	4.3	3.9P
SEP	6.3	6.2	5.3	5.6	4.8	4.7		
OCT	5.7	6.2	6.0	5.4	5.2	4.6		
NOV	5.8	5.6	6.0	5.5	4.5	4.7		
DEC	5.8	5.9	5.9	5.3	4.4	4.4		

CHART II RESIDENT LABOR FORCE INDICATORS–II

4. LABOR FORCE PARTICIPATION RATE (%)



5. EMPLOYMENT/POPULATION RATIO (%)



6. UNEMPLOYMENT RATE (%) INVERTED

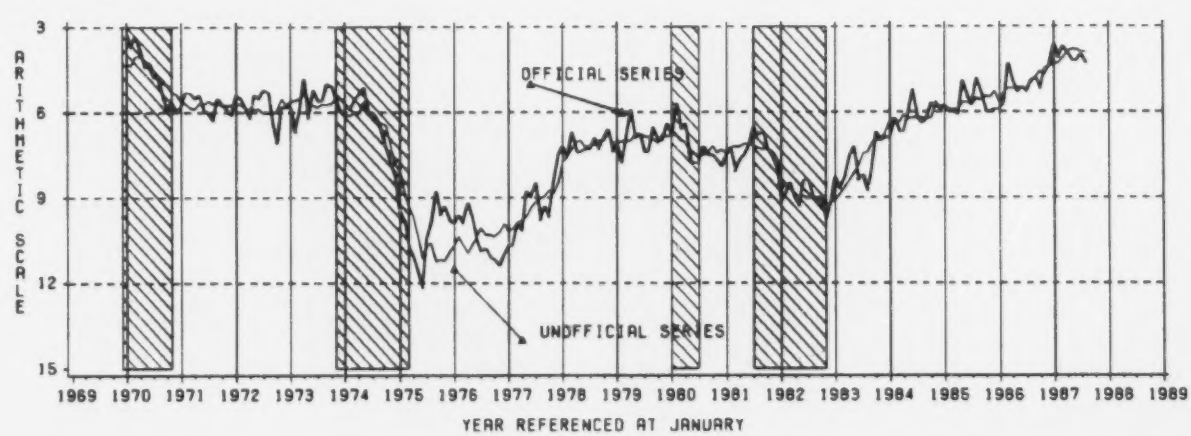


TABLE III ESTABLISHMENT EMPLOYMENT INDICATORS - I

7. NONFARM PAYROLL EMPLOYMENT (000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	3200.0	3264.7	3317.8	3388.7	3382.7	3455.5	3478.3	3553.6
FEB	3210.4	3285.3	3314.4	3395.5	3383.1	3466.9	3472.5	3560.8
MAR	3239.5	3291.6	3342.0	3398.7	3416.6	3474.7	3506.9	3568.1
APR	3297.8	3314.4	3382.2	3399.7	3460.5	3478.1	3551.8	3570.3
MAY	3335.3	3327.0	3408.9	3401.2	3485.0	3477.1	3575.9	3567.4
JUN	3391.1	3336.1	3458.4	3403.3	3528.6	3472.1	3623.1	3565.9
JUL	3388.4	3337.3	3465.4	3413.8	3522.3	3470.5	3612.3R	3557.8R
AUG	3376.8	3329.1	3469.0	3420.6	3519.0	3471.8	3606.6P	3556.7P
SEP	3360.6	3342.5	3439.0	3422.0	3513.2	3497.2		
OCT	3377.5	3359.9	3453.2	3434.6	3538.7	3520.1		
NOV	3386.4	3370.7	3460.9	3444.2	3545.2	3527.8		
DEC	3388.3	3378.5	3460.2	3449.4	3548.4	3538.6		

8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)

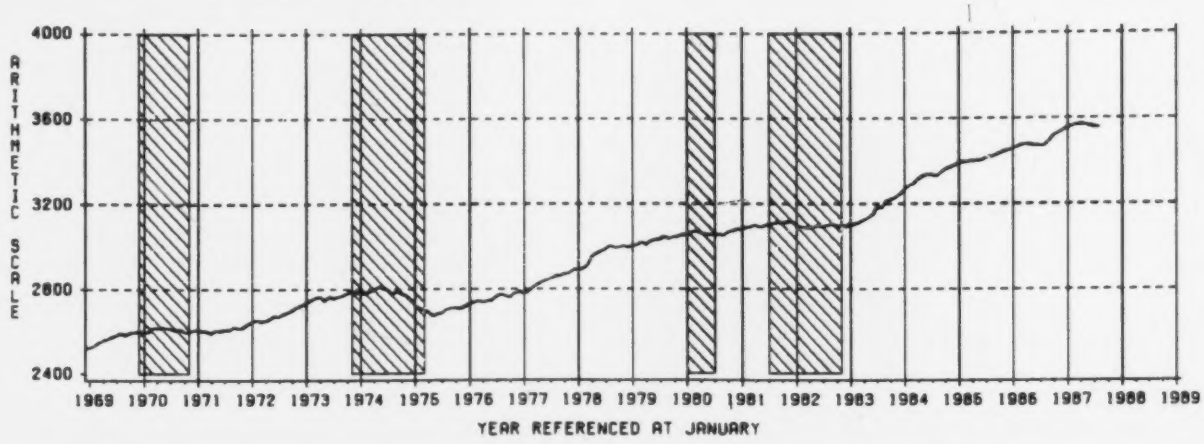
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	2678.9	2741.9	2793.7	2861.9	2855.1	2925.2	2941.5	3014.3
FEB	2684.8	2762.0	2785.5	2868.4	2847.8	2933.7	2930.3	3020.4
MAR	2710.7	2767.1	2811.0	2871.8	2877.2	2939.7	2960.0	3025.8
APR	2771.2	2790.8	2851.8	2872.2	2920.2	2940.9	3002.3	3024.1
MAY	2810.6	2804.4	2878.4	2872.4	2946.7	2940.2	3030.9	3023.9
JUN	2863.1	2814.3	2921.6	2872.7	2986.4	2936.1	3076.7	3025.6
JUL	2870.8	2820.6	2932.1	2881.1	2991.4	2939.7	3077.1R	3022.8R
AUG	2866.7	2814.0	2938.9	2885.1	2993.9	2941.0	3078.0P	3022.3P
SEP	2855.3	2821.7	2917.7	2885.4	2991.4	2960.2		
OCT	2857.0	2837.6	2921.1	2900.9	3000.4	2980.0		
NOV	2858.8	2847.0	2922.7	2910.2	3000.2	2986.9		
DEC	2859.5	2853.2	2923.4	2916.0	3003.7	2996.9		

9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

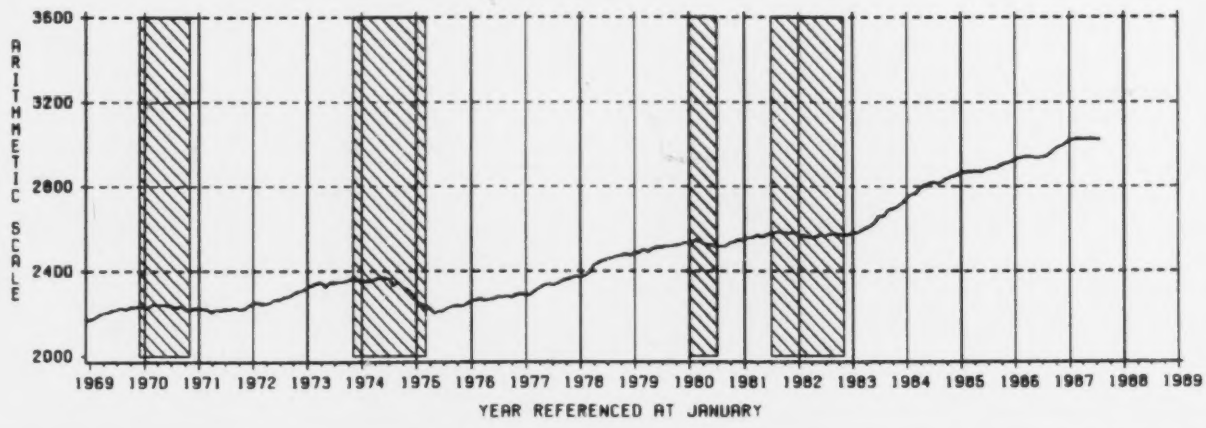
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	521.1	522.8	524.1	526.7	527.6	530.3	536.8	539.3
FEB	525.6	523.3	528.9	527.1	535.3	533.2	542.2	540.4
MAR	528.8	524.5	531.0	526.9	539.4	535.0	546.9	542.3
APR	526.6	523.6	530.4	527.5	540.3	537.2	549.5	546.2
MAY	524.7	522.6	530.5	528.8	538.3	536.9	545.0	543.5
JUN	528.0	521.8	536.8	530.6	542.2	536.0	546.4	540.3
JUL	517.6	516.7	533.3	532.7	530.9	530.8	535.2R	535.0R
AUG	510.1	515.1	530.1	535.5	525.1	530.8	528.6P	534.4P
SEP	505.3	520.7	521.3	536.6	521.8	537.0		
OCT	520.5	522.3	532.1	533.7	538.3	540.1		
NOV	527.6	523.7	538.2	534.0	545.0	540.9		
DEC	528.8	525.3	536.8	533.4	544.7	541.7		

CHART III ESTABLISHMENT EMPLOYMENT INDICATORS – I

7. NONFARM PAYROLL EMPLOYMENT (000)



8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)



9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

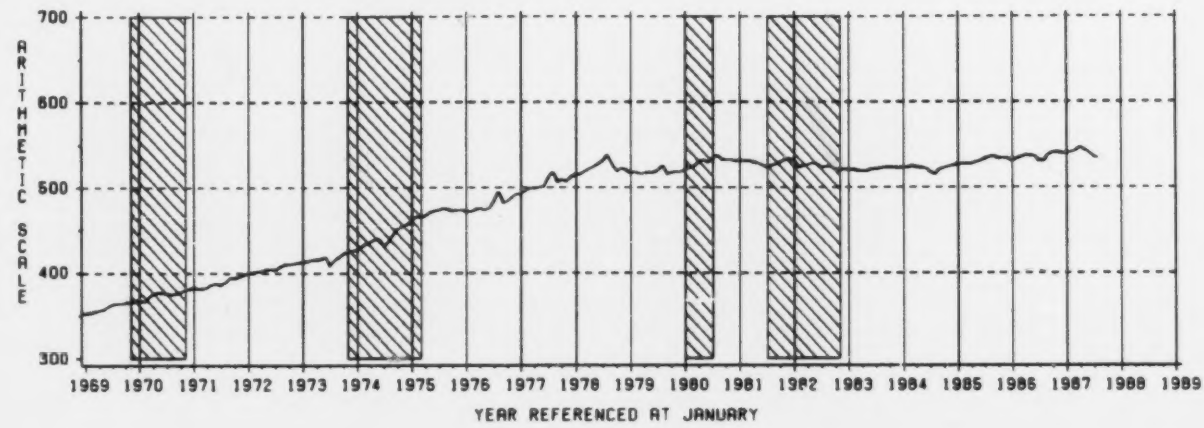


TABLE IV ESTABLISHMENT EMPLOYMENT INDICATORS -II

10. MANUFACTURING PAYROLL EMPLOYMENT (000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	711.7	722.2	718.9	729.2	688.3	698.2	684.5	694.6
FEB	717.0	724.0	718.9	725.8	691.1	697.7	684.8	691.3
MAR	721.2	725.2	718.5	722.4	693.6	697.1	687.6	691.2
APR	724.7	727.4	718.3	720.8	693.6	696.0	683.7	686.2
MAY	729.1	729.5	716.5	717.1	692.4	693.1	684.3	684.9
JUN	735.7	729.7	721.2	715.4	697.3	691.5	687.0	681.5
JUL	727.1	728.9	710.5	712.1	687.4	689.0	676.3R	677.8R
AUG	730.4	725.8	714.9	710.6	690.2	686.5	679.1P	675.5P
SEP	734.6	726.3	710.4	703.4	695.2	689.0		
OCT	734.2	727.7	707.6	701.4	696.8	691.1		
NOV	730.5	727.0	704.1	700.9	695.2	692.3		
DEC	725.1	726.9	696.2	697.6	692.9	694.7		

11. CONSTRUCTION PAYROLL EMPLOYMENT (000)

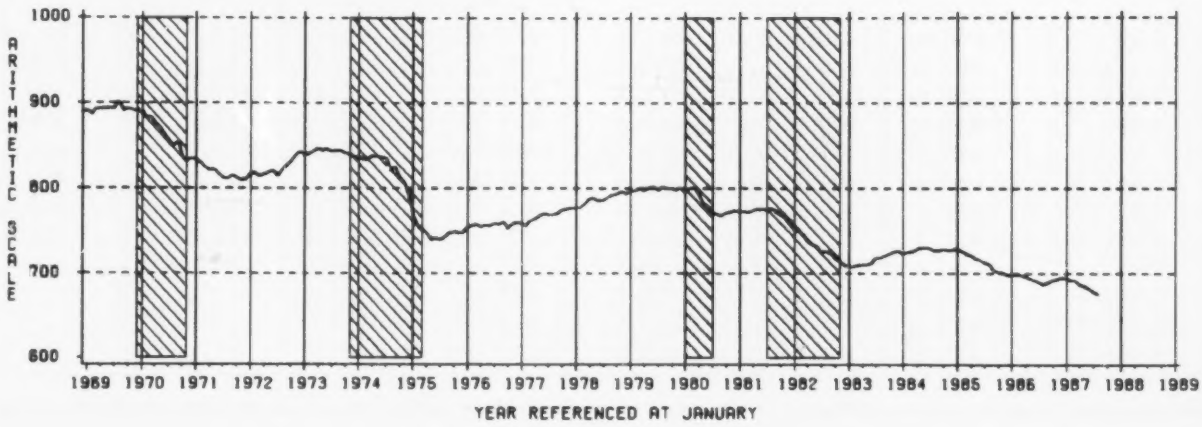
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	109.5	122.3	124.4	138.6	133.9	148.8	146.9	163.2
FEB	108.8	127.6	117.9	138.0	128.8	150.6	141.4	165.4
MAR	113.1	126.5	127.1	142.0	134.3	149.9	149.5	166.9
APR	124.7	128.6	138.4	142.4	147.2	151.2	163.8	168.2
MAY	131.5	129.7	143.2	141.0	153.3	150.8	168.9	166.2
JUN	137.0	131.2	145.7	139.5	159.2	152.4	174.3	167.0
JUL	140.4	131.8	148.3	139.5	162.9	153.4	178.2R	167.8R
AUG	142.7	132.8	151.3	141.1	165.0	154.0	179.9P	167.8P
SEP	141.7	133.8	149.1	141.0	164.9	156.1		
OCT	144.4	135.9	150.4	141.5	166.8	157.0		
NOV	142.9	136.3	149.7	143.1	164.7	157.5		
DEC	138.9	136.7	147.0	144.8	160.5	158.2		

12. PRIVATE SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

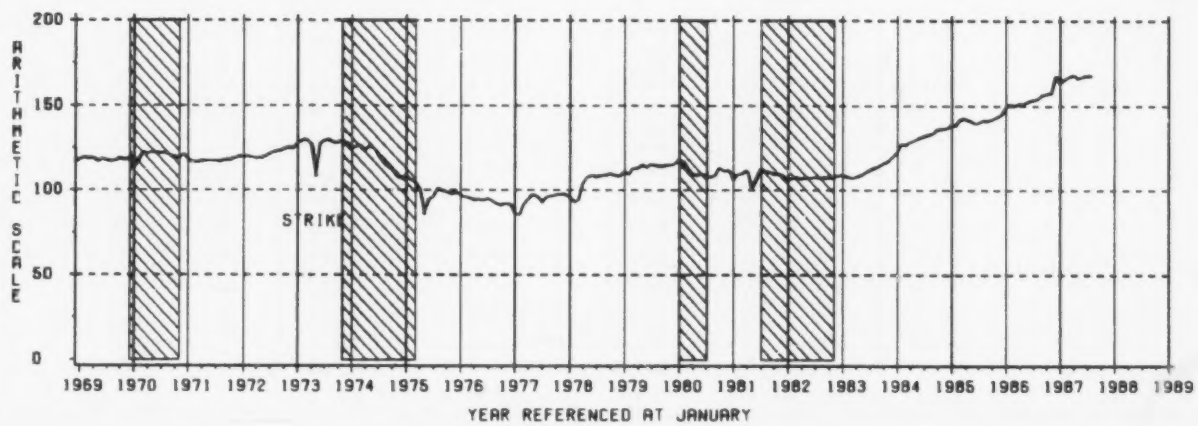
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	1855.8	1895.3	1948.5	1992.0	2030.9	2076.0	2108.0	2154.2
FEB	1857.2	1908.5	1946.8	2002.5	2026.0	2083.2	2102.0	2161.3
MAR	1874.4	1913.2	1963.4	2005.3	2047.4	2090.5	2120.8	2165.4
APR	1919.5	1932.6	1992.9	2006.9	2077.2	2091.5	2152.6	2167.5
MAY	1947.8	1942.9	2016.4	2012.1	2098.9	2094.1	2175.4	2170.6
JUN	1987.9	1951.2	2052.5	2015.6	2127.7	2090.0	2213.1	2174.9
JUL	2001.0	1957.6	2071.0	2027.3	2138.8	2095.1	2220.2R	2174.9R
AUG	1991.2	1953.2	2070.3	2031.3	2136.5	2098.3	2216.6P	2176.7P
SEP	1976.6	1959.4	2056.0	2038.8	2129.2	2112.9		
OCT	1976.2	1971.8	2060.8	2055.8	2134.6	2129.7		
NOV	1983.1	1981.4	2066.7	2064.0	2138.0	2135.0		
DEC	1993.2	1987.4	2078.0	2071.4	2148.0	2141.7		

CHART IV ESTABLISHMENT EMPLOYMENT INDICATORS – II

10. MANUFACTURING PAYROLL EMPLOYMENT(000)



11. CONSTRUCTION PAYROLL EMPLOYMENT (000)



12. PRIVATE SERVICE–PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

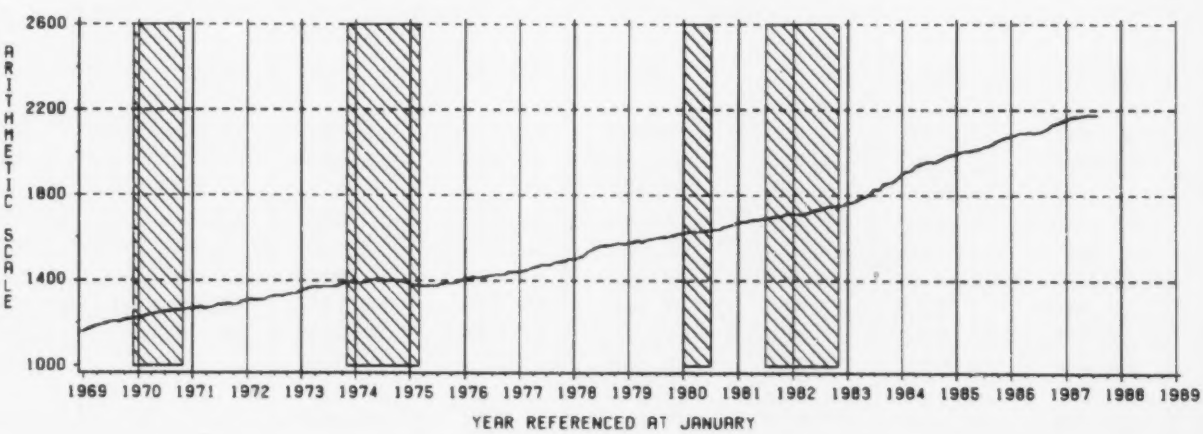


TABLE V PRODUCTION WORKERS INDICATORS

13. MANUFACTURING EMPLOYMENT-PRODUCTION WORKERS(000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	450.7	458.4	451.1	459.1	423.6	430.9	414.3	421.5
FEB	453.8	457.4	449.8	453.4	428.0	431.3	415.7	419.1
MAR	455.5	456.8	450.6	451.8	428.0	428.9	417.6	418.4
APR	456.7	458.5	444.8	446.4	427.3	428.7	413.3	414.5
MAY	459.0	459.8	442.6	443.7	423.3	424.4	414.3	415.5
JUN	463.4	458.5	447.5	442.8	427.8	423.3	417.3	412.8
JUL	457.5	462.1	432.1	436.4	414.3	418.5	408.1R	412.2R
AUG	459.4	458.6	437.1	436.5	420.6	420.1	411.0P	410.6P
SEP	462.9	456.1	435.5	429.5	427.6	422.0		
OCT	461.8	456.3	436.0	431.0	427.0	422.4		
NOV	458.6	455.1	433.8	430.6	424.1	421.2		
DEC	455.4	456.4	427.9	428.8	418.8	419.8		

14. MANUFACTURING WORKWEEK-PRODUCTION WORKERS(HOURS)

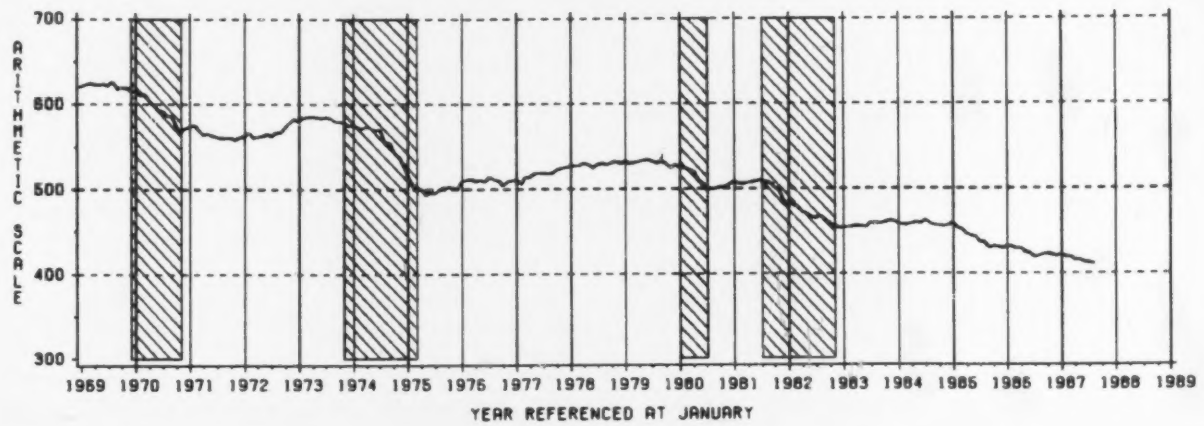
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	40.9	41.0	40.9	41.0	41.4	41.5	41.3	41.4
FEB	41.4	41.6	40.7	41.0	40.6	40.9	41.2	41.5
MAR	41.0	40.9	41.0	40.9	41.3	41.2	41.4	41.3
APR	41.1	41.3	40.6	40.8	41.1	41.2	40.9	41.0
MAY	41.0	41.1	40.6	40.7	41.1	41.2	41.0	41.1
JUN	41.2	41.1	40.8	40.7	41.3	41.2	41.0	40.9
JUL	40.8	41.2	40.3	40.7	40.5	40.9	40.8R	41.3R
AUG	40.9	41.1	40.4	40.6	41.0	41.2	40.8P	41.0P
SEP	41.4	41.3	40.7	40.6	41.2	41.1		
OCT	41.3	41.1	41.0	40.9	41.1	41.0		
NOV	41.4	41.0	41.3	40.9	41.7	41.3		
DEC	41.4	41.0	41.4	41.0	41.5	41.1		

15. AGGREGATE MANUFACTURING WEEKLY MANHOURS-PRODUCTION WORKERS (000)

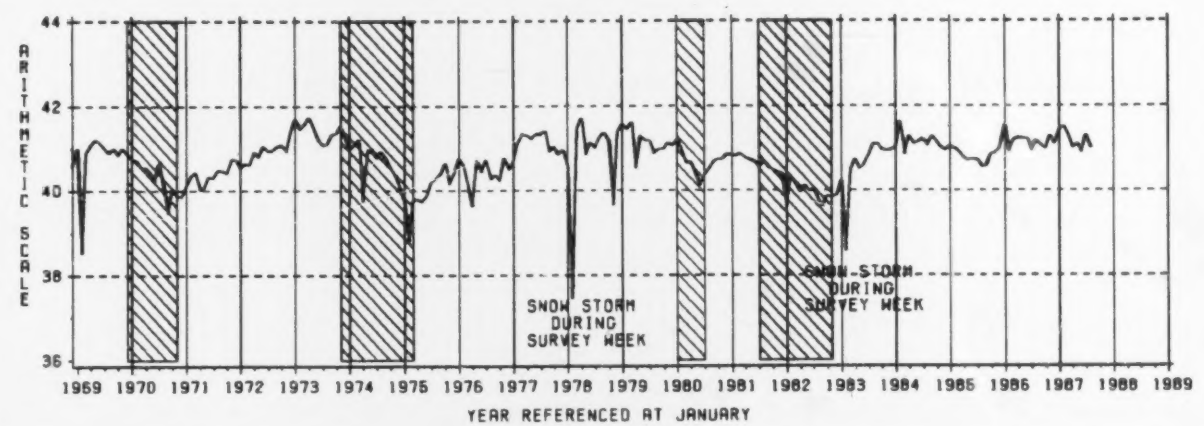
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	18,434	18,794	18,450	18,869	17,537	17,882	17,111	17,450
FEB	18,787	19,028	18,307	18,589	17,377	17,640	17,127	17,393
MAR	18,676	18,683	18,475	18,479	17,676	17,671	17,289	17,280
APR	18,770	18,936	18,059	18,213	17,562	17,662	16,904	16,995
MAY	18,819	18,898	17,970	18,059	17,398	17,485	16,986	17,077
JUN	19,092	18,844	18,258	18,022	17,668	17,440	17,109	16,884
JUL	18,666	19,039	17,414	17,761	16,779	17,117	16,650R	17,024R
AUG	18,789	18,848	17,659	17,722	17,245	17,308	16,769P	16,835P
SEP	19,164	18,837	17,725	17,438	17,617	17,344		
OCT	19,072	18,754	17,832	17,628	17,550	17,318		
NOV	18,986	18,659	17,829	17,612	17,685	17,396		
DEC	18,854	18,712	17,672	17,581	17,380	17,254		

CHART V PRODUCTION WORKER INDICATORS

13. MANUFACTURING EMPLOYMENT – PRODUCTION WORKERS (000)



14. MANUFACTURING WORKWEEK – PRODUCTION WORKERS (HOURS)



15. AGGREGATE MANUFACTURING WEEKLY MANHOURS – PRODUCTION WORKERS (000)

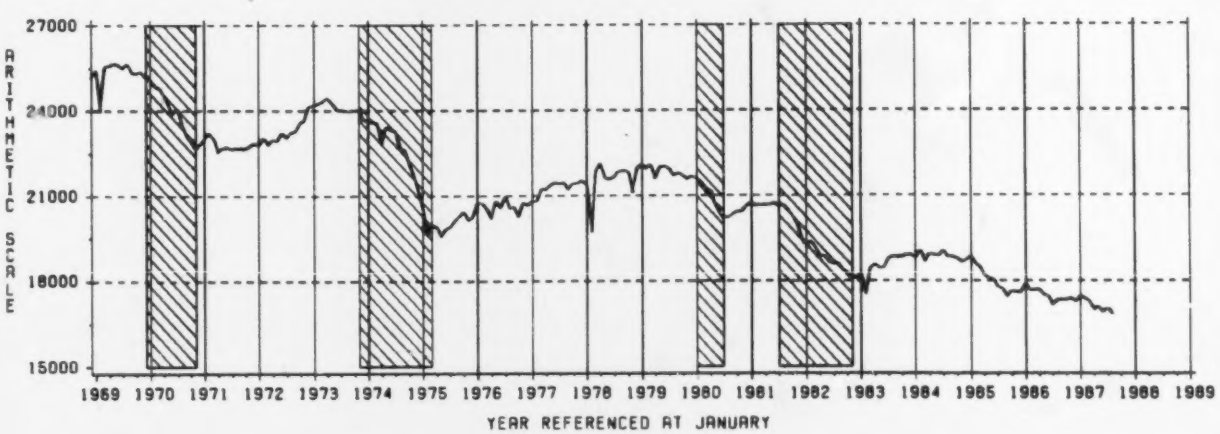


TABLE VI EARNINGS AND PRICE INDICATORS

16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($)

DATE	1984	1985	1986	1987
	UNADJUSTED	UNADJUSTED	UNADJUSTED	UNADJUSTED
JAN	384.87	395.50	416.90	426.22
FEB	389.16	393.57	408.44	425.60
MAR	385.40	398.11	415.48	428.08
APR	389.22	398.29	413.06	424.54
MAY	387.04	398.29	413.47	427.22
JUN	390.99	401.88	419.61	428.86
JUL	387.60	398.97	411.08	428.40
AUG	387.32	399.15	416.15	428.40
SEP	394.96	402.93	418.18	
OCT	395.24	407.54	416.75	
NOV	399.51	414.24	425.76	
DEC	401.99	418.97	428.28	

17. CPI FOR URBAN WAGE EARNERS AND CLERICAL WORKERS (UNADJUSTED INDEX 1967=100)

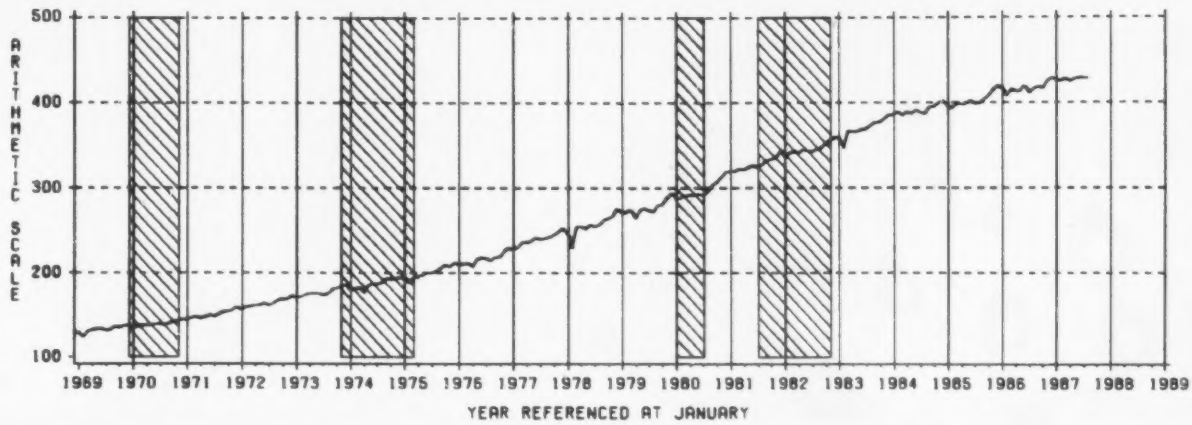
DATE	1984			1985			1986			1987		
	U.S.	N.Y.	PHILA.	U.S.	N.Y.	PHILA.	U.S.	N.Y.	PHILA.	U.S.	N.Y.	PHILA.
JAN	302.7	290.2	296.7	312.6	302.0	309.4	324.3	315.8	323.0	327.7	322.3	329.1
FEB	303.3	290.5	298.5	313.9	303.6	312.4	323.2	314.7	322.8	329.0	324.0	329.9
MAR	303.3	289.9	298.8	315.3	304.2	313.5	321.4	314.5	321.4	330.5	325.7	330.4
APR	304.1	291.2	299.0	316.7	305.1	315.3	320.4	313.2	319.7	332.3	328.2	334.9
MAY	305.4	291.6	300.5	317.8	305.8	317.2	321.4	312.3	320.8	333.4	330.2	337.5
JUN	306.2	293.0	302.7	318.7	306.3	317.2	323.0	314.4	323.5	334.9	331.7	340.4
JUL	307.5	294.7	304.3	319.1	306.5	318.6	322.9	316.5	324.6	335.6	331.6	340.7
AUG	310.3	297.1	306.1	319.6	308.5	318.5	323.4	317.2	324.4	337.4	334.4	343.9
SEP	312.1	299.9	308.5	320.5	309.3	319.1	324.9	317.5	326.7			
OCT	312.2	300.4	308.7	321.3	309.9	320.3	325.0	318.7	326.1			
NOV	311.9	301.2	309.2	322.6	312.5	321.5	325.4	318.6	325.4			
DEC	312.2	301.6	307.9	323.4	313.5	322.5	325.7	320.1	326.6			

18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS IN 1967 DOLLARS (UNADJUSTED)

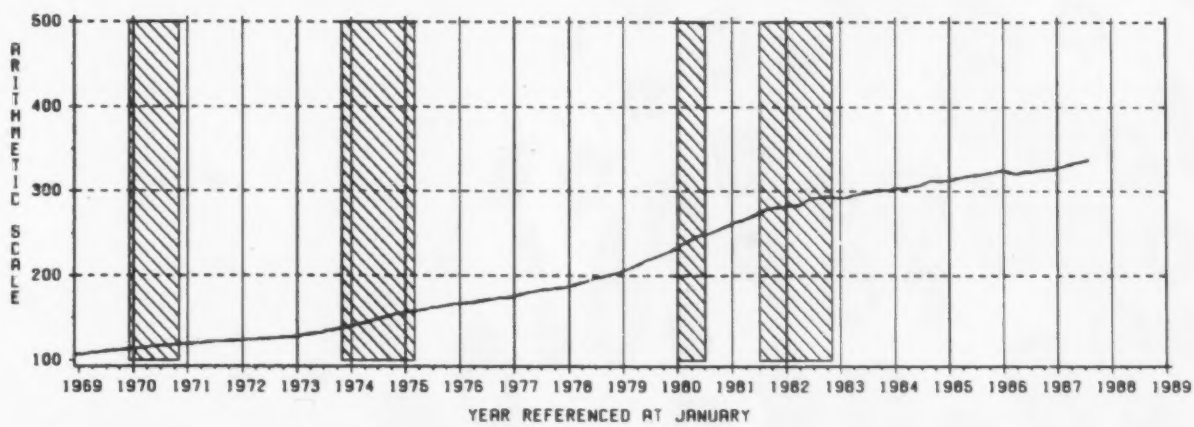
DATE	1984		1985		1986		1987	
	SINGLE	3 DEP	SINGLE	3 DEP	SINGLE	3 DEP	SINGLE	3 DEP
JAN	99.90	108.19	98.28	106.39	98.87	107.01	102.36	109.75
FEB	100.52	108.90	97.14	105.12	97.35	105.24	101.83	109.17
MAR	99.71	108.00	97.81	105.92	99.02	107.15	101.96	109.38
APR	100.33	108.69	97.44	105.51	99.00	107.09	100.22	107.41
MAY	99.51	107.78	97.03	105.07	99.05	107.15	100.03	107.28
JUN	99.77	108.10	97.68	105.83	99.54	107.76	99.68	106.95
JUL	98.50	106.69	96.83	104.87	97.34	105.26	99.57R	106.81R
AUG	97.75	105.88	96.59	104.61	98.29	106.37	98.69P	105.87P
SEP	98.56	106.82	97.15	105.26	98.30	106.40		
OCT	98.49	106.75	97.95	106.03	97.92	105.98		
NOV	99.21	107.56	98.72	106.94	99.85	108.15		
DEC	99.87	108.30	99.37	107.69	99.91	108.25		

CHART VI EARNINGS AND PRICE INDICATORS

16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($) NOT SEASONALLY ADJUSTED



17. U.S. CONSUMER PRICE INDEX FOR URBAN AND CLERICAL WORKERS (UNADJUSTED INDEX 1967=100)



18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS (3 DEPENDENTS) IN 1967 DOLLARS (UNADJUSTED)

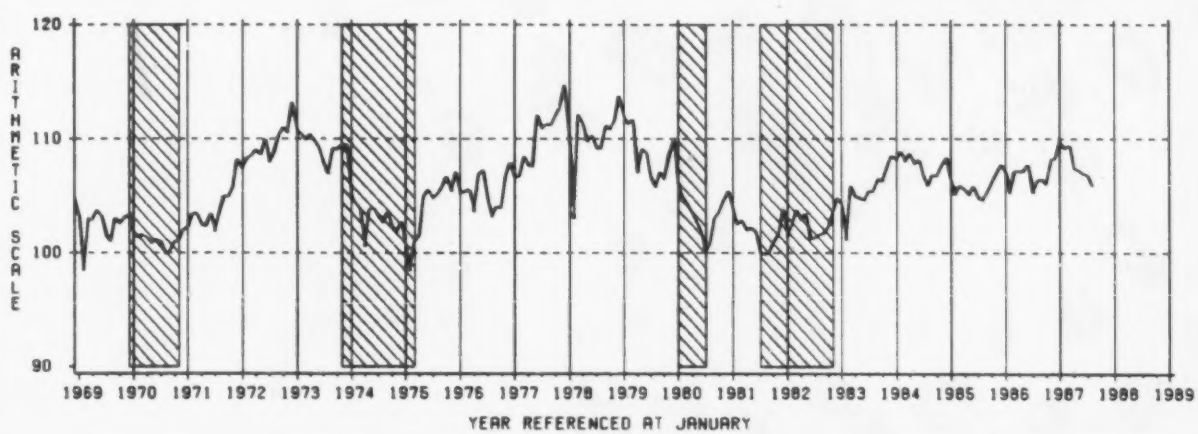


TABLE VII GENERAL BUSINESS INDICATORS

19. NEW BUSINESS INCORPORATIONS (NUMBER)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	2444	2278	2999	2594	2910	2551	2595	2371
FEB	2289	2290	2226	2375	2539	2711	2315	2472
MAR	2445	2199	2533	2385	2787	2677	3183	2953
APR	2176	2129	2627	2461	3345	3001	3287	2973
MAY	2469	2226	2527	2353	3009	2934	2873	2885
JUN	2084	2223	2348	2561	2580	2814	2737	2871
JUL	2469	2497	2478	2376	2975	2787		
AUG	2275	2330	2431	2593	2476	2716		
SEP	1979	2196	2483	2728	2639	2786		
OCT	2456	2309	3060	2810	2719	2542		
NOV	1794	2012	2318	2674	2175	2544		
DEC	2766	2983	2428	2531	2976	2966		

20. BUSINESSS FAILURES (NUMBER)

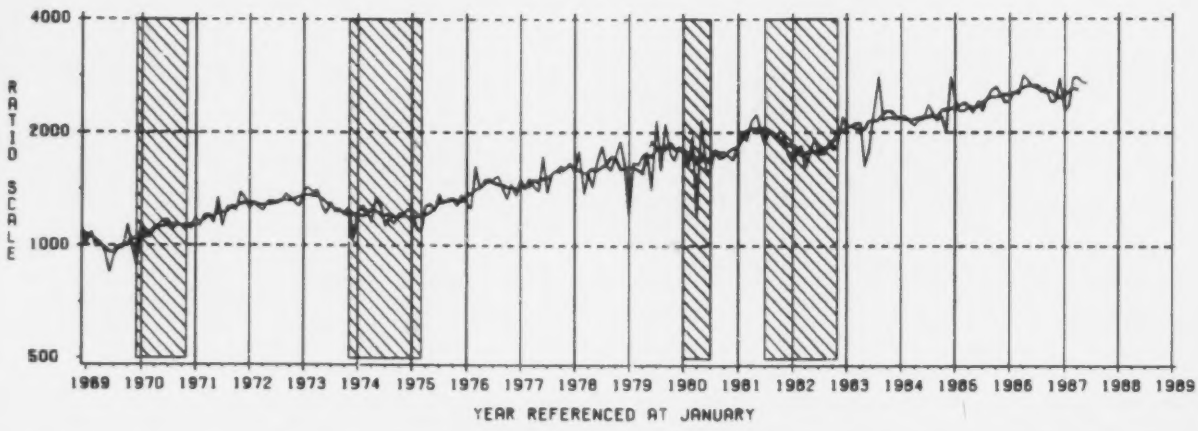
DATE	1984		1985		1986		1987	
	UNADJ. BREAK IN SERIES	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	80	86	60	56	96	86	74	71
FEB	99	94	73	77	71	74	64	66
MAR	120	98	105	84	95	74	54	44
APR	88	78	89	82	75	64	84	69
MAY	82	69	105	85	94	82	78	70
JUN	87	83	64	67	56	61	65	71
JUL	66	99	91	121	53	68		
AUG	100	83	82	77	60	60		
SEP	70	87	53	70	56	75		
OCT	74	77	92	90	99	91		
NOV	69	77	108	122	68	78		
DEC	70	77	68	77	85	86		

21. INDUSTRIAL ELECTRIC POWER SALES (MILLIONS OF KILOWATT-HOURS)

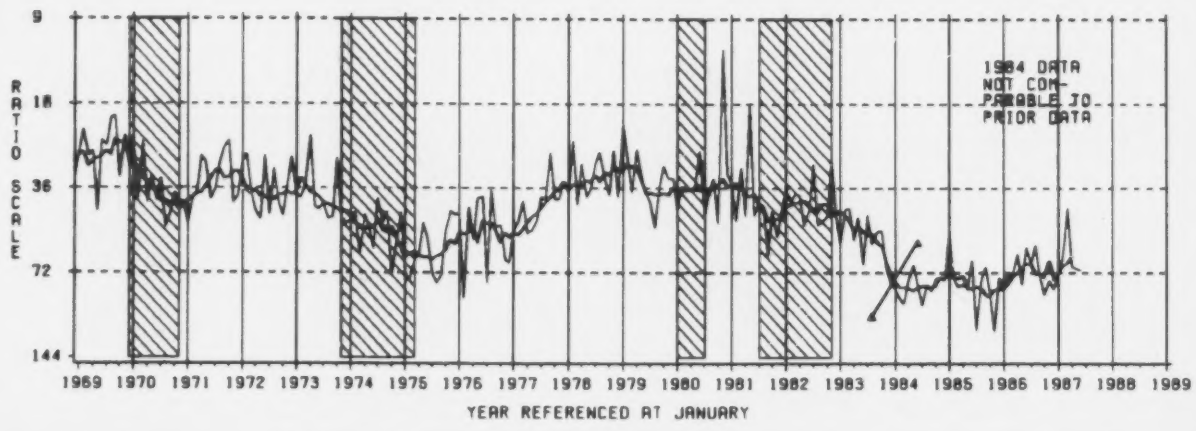
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	1243	1303	1253	1307	1233	1297	1234	1292
FEB	1243	1301	1206	1307	1249	1355	1238	1343
MAR	1349	1324	1301	1295	1253	1242	1298	1281
APR	1239	1316	1238	1292	1246	1309	1285	1354
MAY	1328	1301	1343	1320	1361	1330	1347R	1335R
JUN	1397	1336	1315	1271	1347	1300	1353P	1284P
JUL	1325	1269	1367	1300	1372	1305		
AUG	1395	1369	1365	1332	1310	1294		
SEP	1327	1279	1354	1303	1388	1316		
OCT	1330	1283	1340	1294	1346	1308		
NOV	1275	1287	1303	1318	1253	1280		
DEC	1257	1314	1255	1305	1226	1266		

CHART VII GENERAL BUSINESS INDICATORS

19. NEW BUSINESS INCORPORATIONS (NUMBER) SIX-MONTH MOVING AVERAGE



20. BUSINESS FAILURES (NUMBER) SIX-MONTH MOVING AVERAGE - INVERTED



21. INDUSTRIAL ELECTRIC POWER SALES (MILLIONS OF KILOWATT-HOURS)

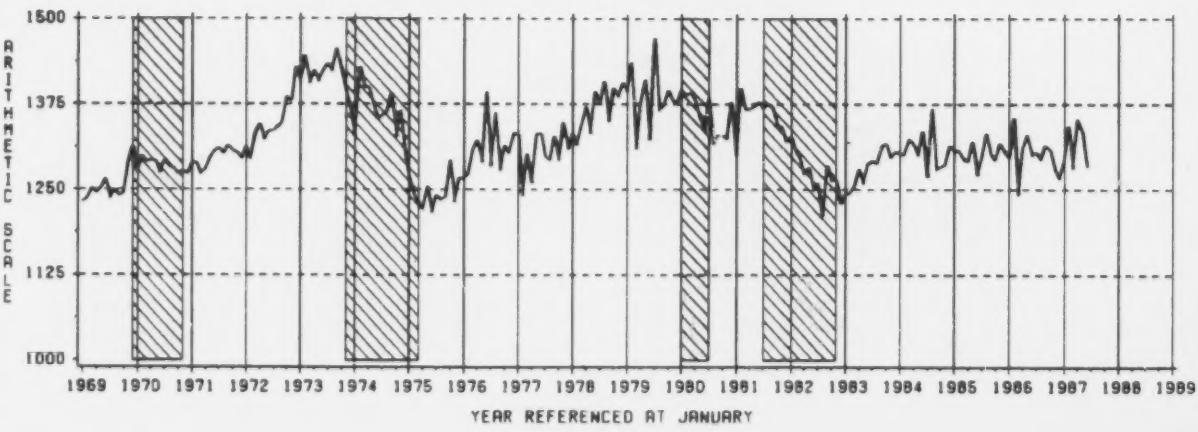


TABLE VIII CONSTRUCTION CONTRACT INDICATORS

22. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	450.3	536.4	479.9	569.6	436.6	529.2	443.7	528.0
FEB	371.5	566.5	416.6	633.5	395.0	636.6	490.2	815.8
MAR	536.8	548.7	647.4	640.4	643.6	630.7	916.5	895.1
APR	447.3	432.1	696.8	669.8	965.7	922.9	617.9	591.9
MAY	473.5	429.7	747.1	681.6	819.7	730.3	793.5	740.4
JUN	612.2	496.0	806.1	646.4	786.3	642.9	796.1	659.7
JUL	463.6	480.3	766.8	800.9	850.9	887.7	840.1	880.3
AUG	671.9	589.3	798.1	706.0	723.0R	641.5R	890.1	790.3
SEP	592.7	561.3	652.5	622.3	750.9	724.3		
OCT	652.6	622.9	752.2	698.6	861.3	784.3		
NOV	553.2	533.8	699.4	685.7	752.8	729.4		
DEC	570.9	641.4	590.8	673.3	602.7	683.7		

23. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

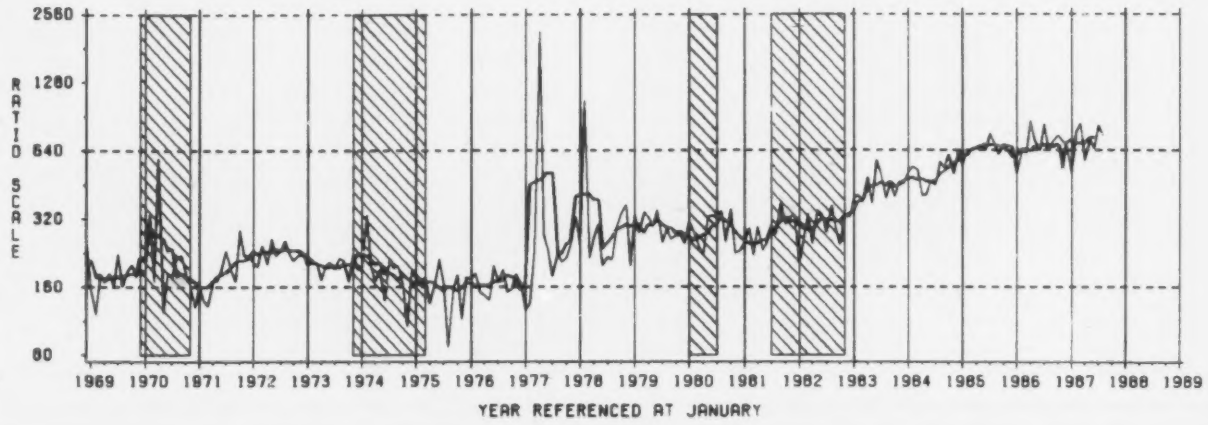
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	181.8	230.9	215.0	273.1	249.4	316.3	194.8	247.0
FEB	100.7	179.9	168.1	303.9	186.6	338.6	267.2	484.9
MAR	301.4	314.2	333.5	332.9	320.5	315.5	368.9	363.1
APR	219.3	210.4	355.3	339.3	557.3	527.6	327.6	310.1
MAY	290.3	244.3	396.3	326.3	510.5	417.8	323.5	264.7
JUN	283.9	214.2	439.6	338.4	433.4	341.4	397.9	313.4
JUL	218.6	224.6	502.8	526.4	371.7	390.7	380.8	400.3
AUG	278.1	233.1	423.1	364.8	361.2R	315.0R	413.7	360.8
SEP	277.4	250.1	339.3	309.9	338.6	310.3		
OCT	316.6	303.2	363.6	335.4	408.0	363.8		
NOV	249.6	264.9	311.9	328.9	325.1	346.0		
DEC	189.6	220.6	322.0	379.1	310.9	365.1		

24. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

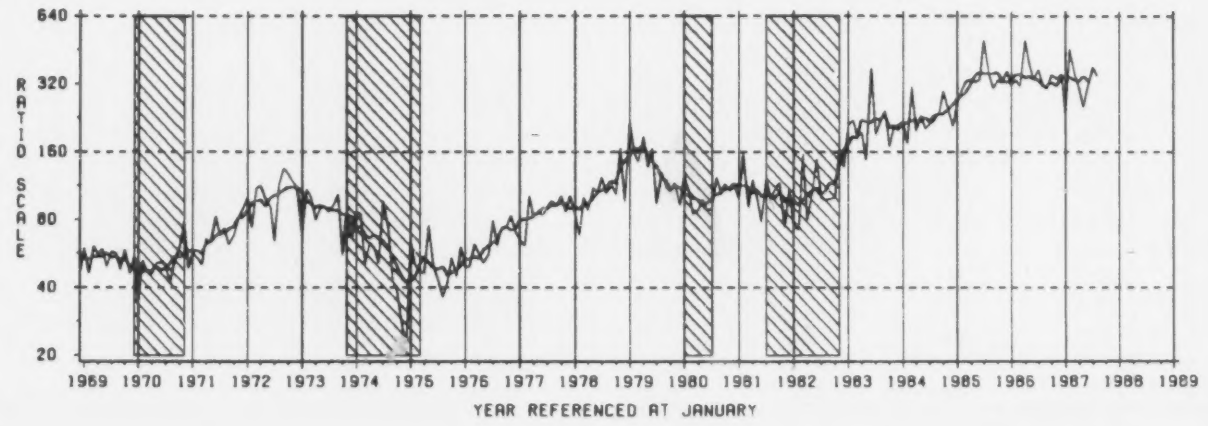
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	220.2	257.2	167.6	199.2	142.0	167.8	176.5	208.6
FEB	192.9	308.6	129.8	210.9	140.6	230.2	169.6	277.5
MAR	189.1	188.2	247.6	241.2	230.8	222.9	457.3	441.6
APR	173.4	167.1	228.4	217.4	307.5	294.3	200.0	191.5
MAY	134.3	136.6	252.9	257.5	184.0	187.3	313.5	319.1
JUN	246.4	199.9	321.3	262.7	280.3	228.9	283.1	231.2
JUL	179.4	190.1	182.0	192.5	305.5	323.4	354.7	375.5
AUG	249.4	211.9	241.3	207.4	258.0R	222.7R	342.5	295.6
SEP	205.0	200.8	178.6	177.7	296.1	297.7		
OCT	250.6	234.5	304.1	278.7	315.4	282.5		
NOV	234.8	200.1	213.9	183.2	324.7	280.4		
DEC	309.9	349.3	195.2	220.6	209.5	236.4		

CHART VIII CONSTRUCTION CONTRACT INDICATORS

22. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE



23. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE



24. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE

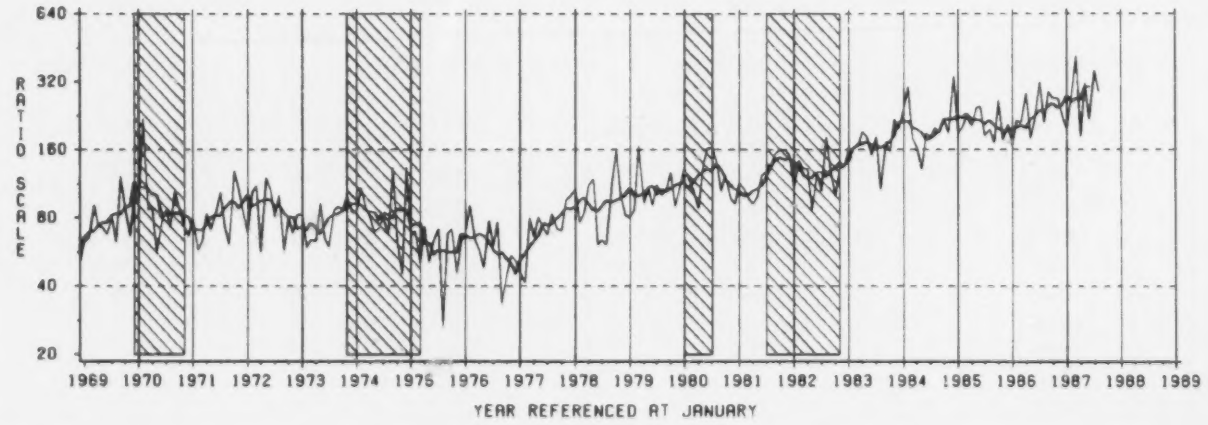


TABLE IX PRIVATE RESIDENTIAL BUILDING PERMITS INDICATORS

25. TOTAL PRIVATE DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (NUMBER)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	1322	2043	2433	3684	2558	4238	2677	4192
FEB	1607	2534	1865	3094	1876	3099	2560	4217
MAR	2278	2423	2937	3308	3098	3458	3797	4191
APR	1998	1906	3861	3542	4818	4447	3362	3098
MAY	3703	3382	4263	3845	4531	4092	3423	3248
JUN	2883	2533	3260	2971	4474	3953	4553	3913
JUL	2935	2719	4138	3760	3998	3572	3410	3073
AUG	2907	2493	4373	3792	3901	3570		
SEP	2744	2667	3145	3062	4778	4487		
OCT	2838	2508	3882	3463	4073	3674		
NOV	4263	4171	3375	3370	3285	3437		
DEC	2442	2462	5132	5106	4416	4223		

26. PRIVATE SINGLE-FAMILY DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (NUMBER)

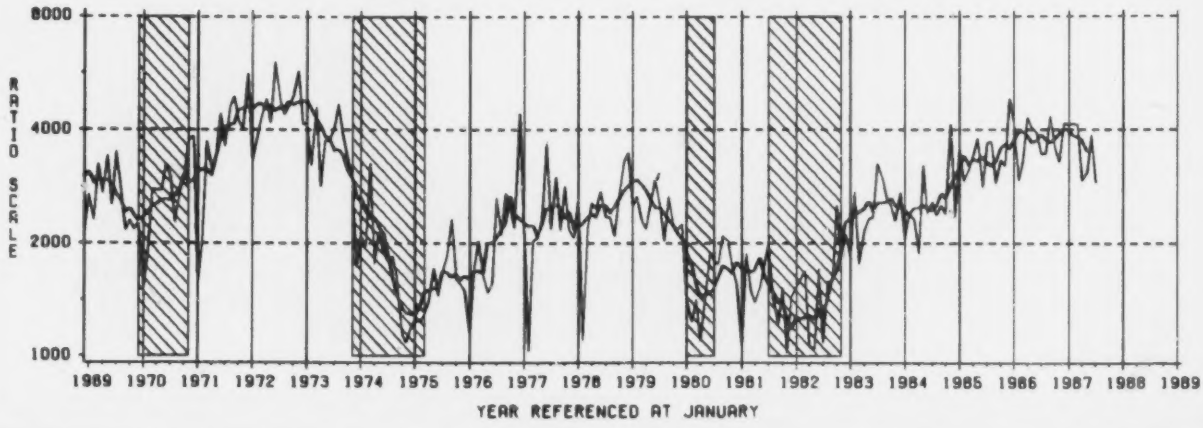
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	827	1523	1665	2919	2147	3814	1942	3445
FEB	1005	1906	1345	2554	1414	2619	1929	3573
MAR	1605	1773	1920	2313	2222	2608	2640	3059
APR	1610	1526	2715	2412	3989	3676	2577	2347
MAY	2056	1725	3007	2543	3066	2586	2628	2403
JUN	2267	1938	2283	2027	3482	2989	3057	2448
JUL	2207	1976	2682	2290	2858	2444	2603	2255
AUG	2288	1853	3219	2599	2885	2508		
SEP	2060	1968	2111	1990	2910	2576		
OCT	2165	1860	2861	2480	3202	2822		
NOV	2238	2144	2679	2660	2443	2588		
DEC	1760	1793	2631	2621	3162	2991		

27. PRIVATE MULTI-FAMILY (5 OR MORE) DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (NUMBER)

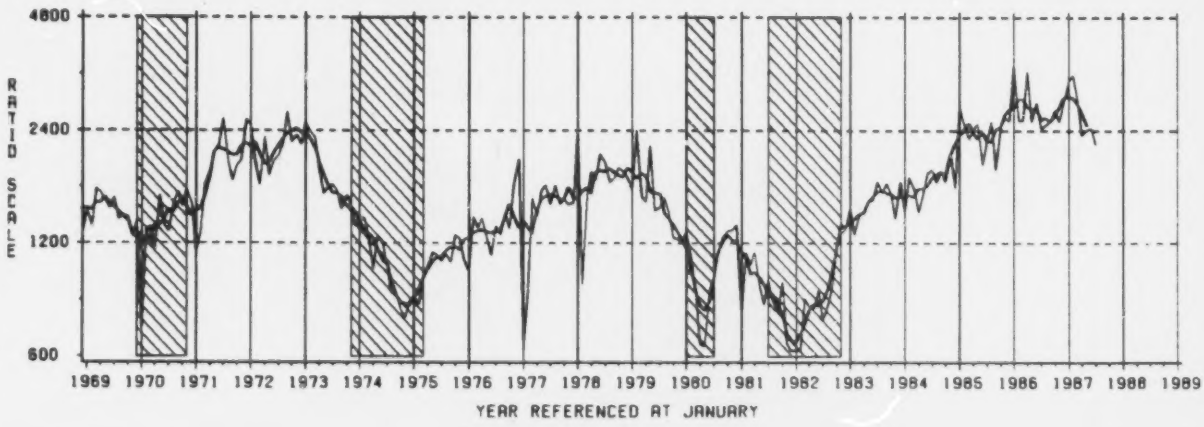
DATE	1984	1985	1986	1987
	UNADJUSTED	**DATA NOT SUITABLE FOR SEASONAL ADJUSTMENT UNADJUSTED	UNADJUSTED	UNADJUSTED
JAN	374	519	251	537
FEB	421	371	279	483
MAR	455	739	696	994
APR	266	637	519	606
MAY	1533	1024	1201	577
JUN	433	796	764	1274
JUL	602	1298	883	652
AUG	509	978	861	
SEP	558	888	1683	
OCT	478	817	662	
NOV	1900	583	580	
DEC	520	2325	1078	

CHART IX PRIVATE RESIDENTIAL BUILDING PERMIT INDICATORS

25. TOTAL DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (SIX-MONTH MOVING AVERAGE)



26. SINGLE-FAMILY DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (FIVE-MONTH MOVING AVERAGE)



27. MULTI-FAMILY(5+) DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (SIX MONTH MOVING AVERAGE)

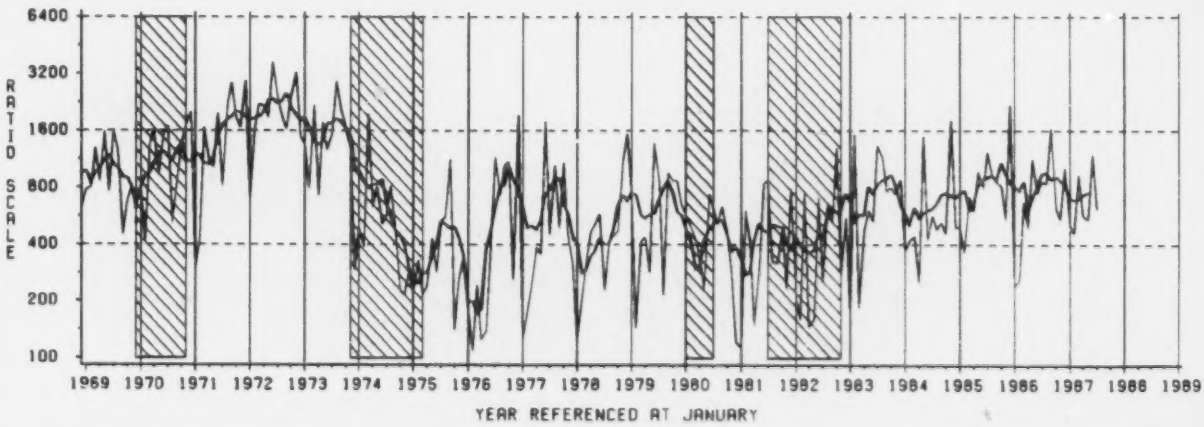


TABLE X TRADE INDICATORS

28. SALES OF RETAIL STORES ($000,000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	3,172	3,480	3,344	3,627	3,738	4,008	3,689	3,954
FEB	3,126	3,478	3,159	3,666	3,382	3,937	3,633	4,230
MAR	3,362	3,418	3,543	3,691	3,901	4,072	4,181	4,401
APR	3,409	3,535	3,692	3,805	4,017	4,156	4,364	4,445
MAY	3,606	3,533	3,964	3,823	4,466	4,299	4,525R	4,442R
JUN	3,619	3,571	3,895	3,898	4,255	4,225	4,634	4,579
JUL	3,420	3,510	3,880	3,927	4,247	4,292	4,606P	4,596P
AUG	3,472	3,508	3,960	3,987	4,276	4,382		
SEP	3,321	3,522	3,837	4,038	4,327	4,529		
OCT	3,652	3,650	3,938	3,928	4,352	4,290		
NOV	3,873	3,651	4,062	3,869	4,379	4,259		
DEC	4,581	3,633	4,929	3,948	5,468	4,331		

29. SALES OF RETAIL STORES IN 1967 DOLLARS ($000,000)

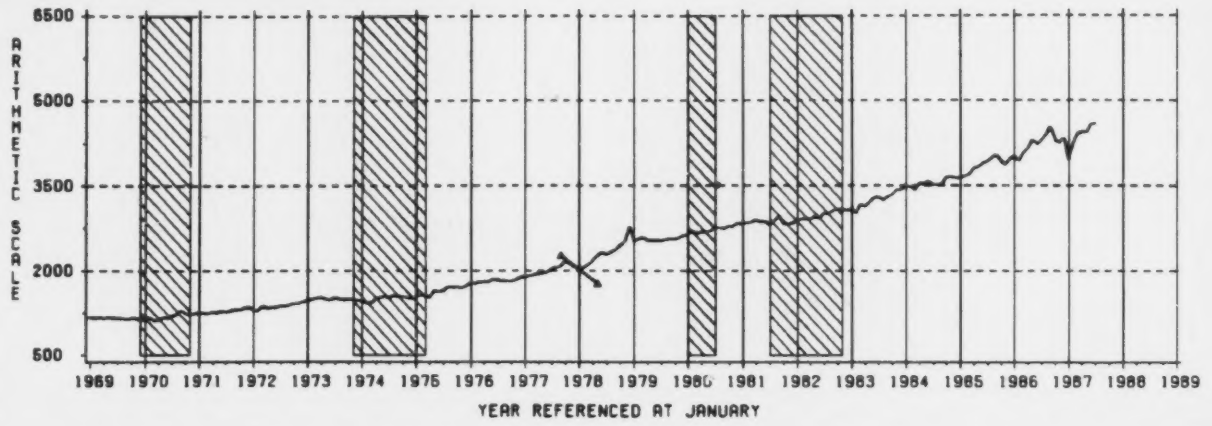
DATE	1984	1985	1986	1987
	ADJUSTED	ADJUSTED	ADJUSTED	ADJUSTED
JAN	1,298	1,315	1,411	1,398
FEB	1,274	1,319	1,399	1,493
MAR	1,253	1,324	1,459	1,544
APR	1,296	1,361	1,506	1,538
MAY	1,297	1,368	1,559	1,535R
JUN	1,308	1,400	1,531	1,586
JUL	1,284	1,410	1,549	1,594P
AUG	1,277	1,427	1,580	
SEP	1,279	1,439	1,623	
OCT	1,326	1,394	1,534	
NOV	1,329	1,368	1,528	
DEC	1,323	1,392	1,549	

30. NEW PASSENGER CAR REGISTRATIONS (NUMBER)

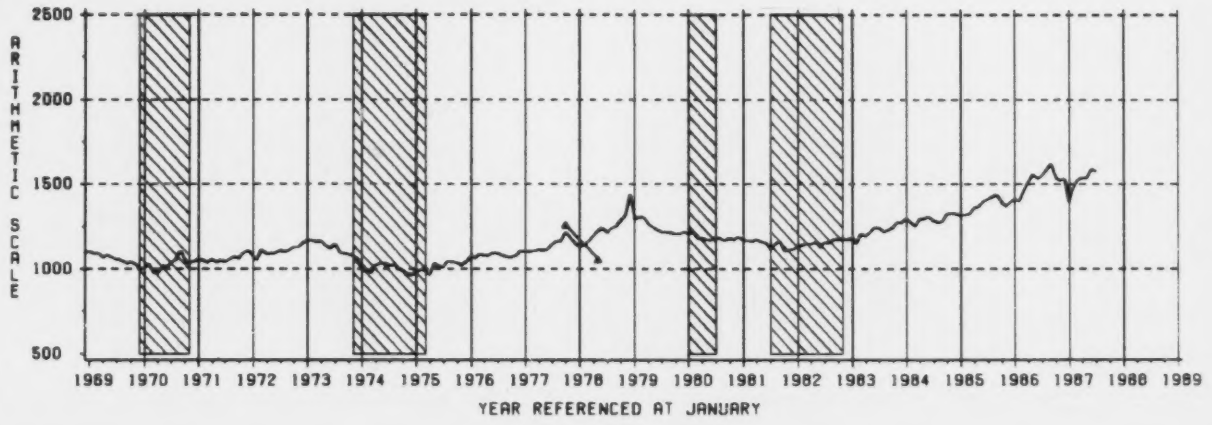
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	26,614	30,068	33,384	36,965	40,729	44,338	34,972	37,342
FEB	26,511	31,445	29,952	36,827	36,726	45,326	27,408	33,826
MAR	41,449	35,391	46,612	41,007	43,155	38,444	43,488	38,612
APR	30,471	34,024	36,298	37,136	44,587	46,776	46,390	52,082
MAY	36,751	39,290	33,120	35,125	44,016	45,880	42,702	45,550
JUN	51,432	41,944	40,957	35,956	58,595	50,377	48,476	38,053
JUL	43,701	40,907	40,509	36,050	47,860	45,893	47,436	44,943
AUG	32,215	33,421	36,705	37,929	48,055	51,082		
SEP	36,409	35,328	37,617	36,313	60,111	52,889		
OCT	48,040	46,127	45,115	44,981	50,831	49,600		
NOV	33,989	38,019	36,598	38,837	33,530	39,868		
DEC	25,662	25,150	37,747	37,520	43,278	40,330		

CHART X TRADE INDICATORS

28. SALES OF RETAIL STORES ($000,000)



29. SALES OF RETAIL STORES IN 1967 DOLLARS ($000,000)



30. NEW PASSENGER CAR REGISTRATIONS (NUMBER) SIX-MONTH MOVING AVERAGE

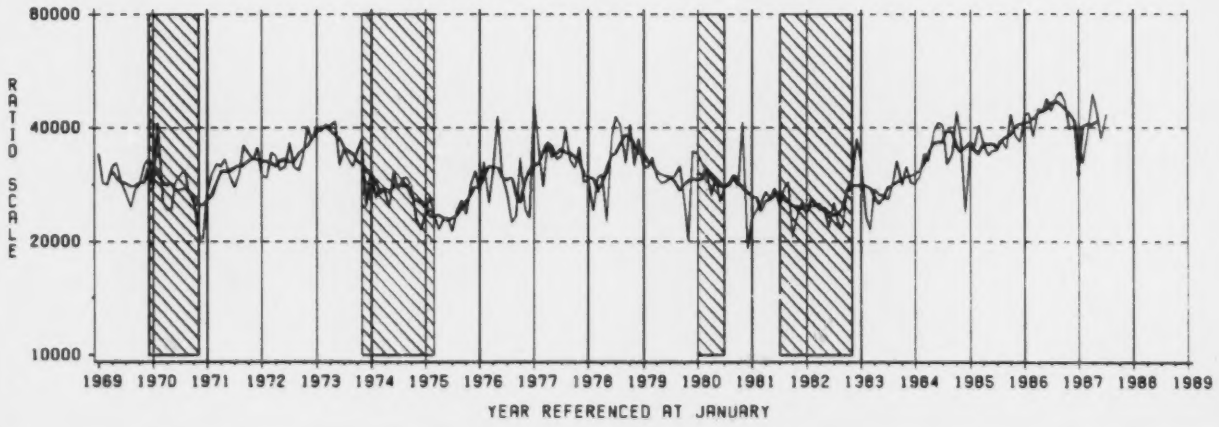


TABLE XI UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - I

31. WEEKS CLAIMED (WKLY AVG.) & INSURED UNEMPLOYMENT RATE (IUR%)

DATE	1984		1985		1986		1987	
	WKLY AVG. ADJ.	IUR ADJ.	WKLY AVG. ADJ.	IUR ADJ.	WKLY AVG. ADJ.	IUR ADJ.	WKLY AVG. ADJ.	IUR ADJ.
JAN	92.5	3.1	87.7	2.8	92.0	2.9	68.9	2.1
FEB	91.8	3.1	92.4	3.0	85.7	2.7	70.9	2.2
MAR	92.2	3.1	93.7	3.0	87.0	2.7	70.8	2.2
APR	93.1	3.1	94.2	3.0	85.8	2.7	72.2	2.2
MAY	94.9	3.2	94.2	3.0	86.9	2.7	74.4	2.3
JUN	93.4	3.1	94.6	3.0	88.2	2.7	74.6	2.3
JUL	93.8	3.1	96.3	3.0	88.4	2.7	73.8	2.2
AUG	95.4	3.2	94.1	3.0	87.9	2.7	74.7	2.2
SEP	96.5	3.2	94.8	3.0	85.1	2.6		
OCT	95.1	3.1	94.5	3.0	80.8	2.5		
NOV	94.4	3.1	92.4	2.9	76.8	2.4		
DEC	90.1	3.0	91.2	2.8	74.2	2.3		

32. INITIAL CLAIMS WEEKLY AVERAGE (NUMBER)

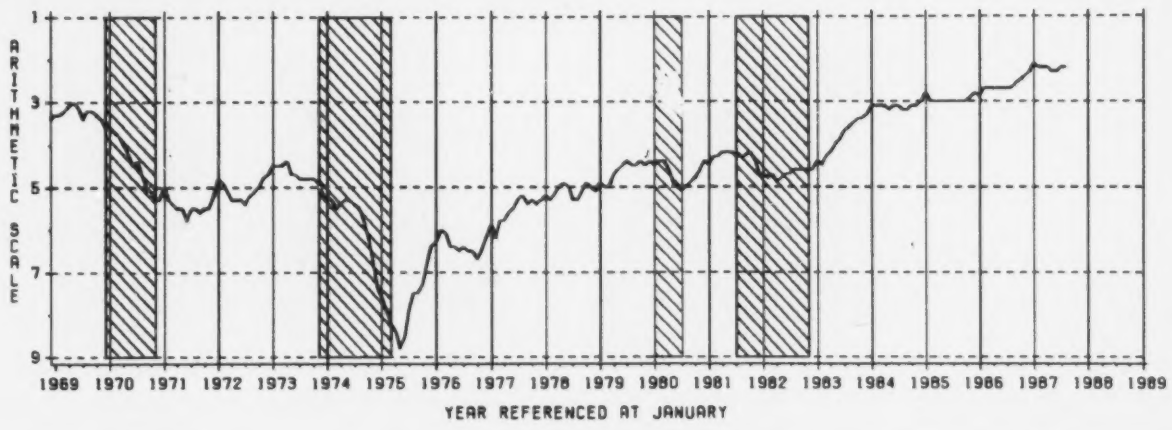
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	16,791	11,435	16,523	11,718	15,089	10,527	14,106	9,919
FEB	11,909	11,487	11,495	11,353	10,039	9,921	10,174	10,055
MAR	9,939	11,210	9,755	10,964	9,399	10,161	7,695	8,213
APR	10,785	11,494	10,634	11,381	8,743	9,808	8,187	9,119
MAY	10,042	12,805	8,441	10,692	7,797	9,928	6,458	8,205
JUN	11,472	11,379	10,794	10,715	9,206	8,618	8,058	7,610
JUL	11,571	10,564	11,656	10,854	10,924	10,610	9,157	8,832
AUG	9,528	11,840	8,279	10,256	7,615	9,369	6,191	7,329
SEP	8,476	10,874	9,247	11,214	7,213	8,833		
OCT	10,193	11,166	8,990	10,291	7,530	8,603		
NOV	10,965	11,357	9,302	9,942	7,732	8,283		
DEC	14,685	10,476	13,974	9,875	12,366	8,882		

33. UNEMPLOYMENT INSURANCE EXHAUSTIONS (NUMBER)

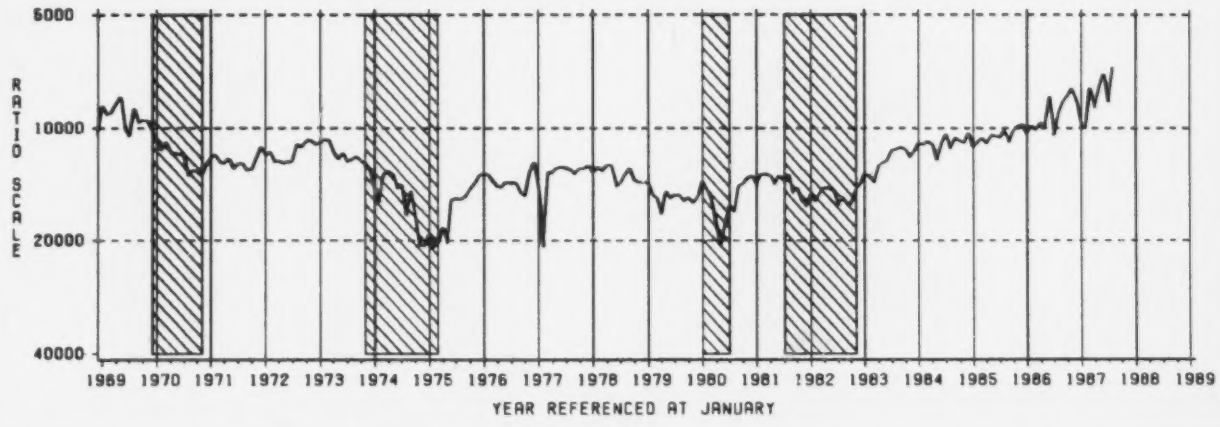
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	12,645	12,285	10,971	10,622	9,627	9,289	7,298	7,042
FEB	13,036	13,363	9,945	10,216	9,267	9,524	7,464	7,671
MAR	13,805	10,742	11,160	8,705	13,766	10,795	8,558	6,711
APR	13,791	11,602	12,202	10,297	10,990	9,280	8,665	7,317
MAY	14,499	13,228	10,672	9,732	9,445	8,615	7,757	7,075
JUN	11,442	12,161	8,726	9,341	8,074	8,696	6,905	7,437
JUL	12,386	12,331	10,328	10,174	8,951	8,747	7,454	7,284
AUG	10,994	12,153	8,683	9,658	7,174	8,009	6,240	6,966
SEP	9,013	10,611	7,783	9,166	7,284	8,592		
OCT	10,521	12,131	8,647	9,824	7,560	8,503		
NOV	10,524	12,484	7,442	8,920	6,324	7,636		
DEC	13,149	12,922	9,167	8,978	8,562	8,362		

CHART XI UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS – I

31. INSURED UNEMPLOYMENT RATE (%) – INVERTED SCALE



32. INITIAL CLAIMS – WEEKLY AVERAGE (NUMBER) – INVERTED SCALE



33. UNEMPLOYMENT INSURANCE EXHAUSTIONS (NUMBER) – INVERTED SCALE

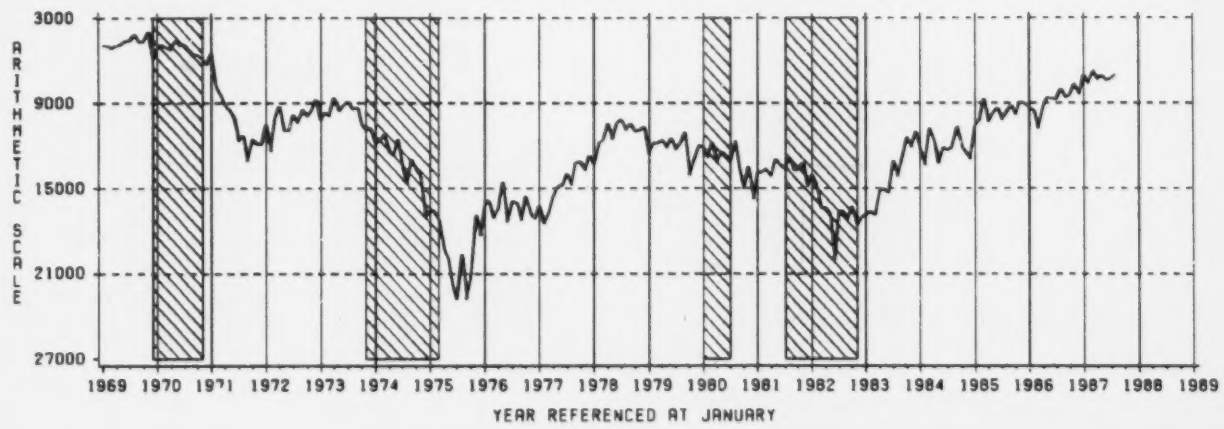


TABLE XII UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - II

34. INSURED UNEMPLOYMENT IN MANUFACTURING (000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	37.9	31.3	39.3	32.4	40.6	34.2	31.6	26.6
FEB	39.2	32.5	41.9	34.9	37.0	30.9	30.6	26.0
MAR	35.9	31.2	42.1	36.9	36.3	32.2	27.6	24.4
APR	32.8	30.0	40.8	37.7	31.7	29.7	27.9	26.0
MAY	33.9	33.9	36.0	36.1	29.6	30.1	23.8	24.1
JUN	29.1	31.6	33.8	36.3	28.8	31.4	21.0	22.8
JUL	31.7	33.4	36.2	37.4	32.6	33.3	23.2	24.3
AUG	31.9	36.0	30.7	34.4	28.8	31.8	20.4	23.1
SEP	30.0	36.3	28.9	34.9	24.9	29.6		
OCT	32.8	38.8	33.3	37.1	23.4	26.9		
NOV	28.5	33.0	33.2	36.0	23.9	27.3		
DEC	36.6	35.4	37.9	35.7	25.7	25.3		

35. INSURED UNEMPLOYMENT IN CONSTRUCTION (000)

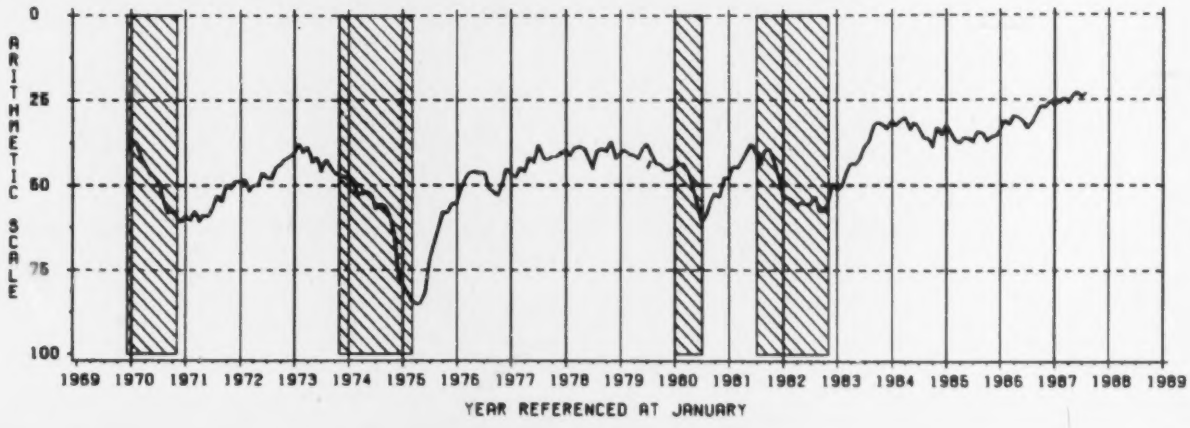
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	13.5	10.2	9.6	7.2	14.0	10.5	9.6	7.2
FEB	19.2	9.8	19.9	10.1	19.6	9.9	20.0	10.1
MAR	19.0	9.4	19.1	9.2	20.9	9.9	19.6	9.3
APR	13.6	9.4	12.8	8.8	13.5	9.3	10.8	7.5
MAY	8.6	8.3	7.3	7.1	9.2	9.0	7.5	7.3
JUN	5.1	6.6	7.1	9.4	6.9	9.2	5.1	6.8
JUL	4.5	7.4	7.1	11.8	5.7	9.6	4.4	7.3
AUG	4.4	8.6	4.9	9.7	4.7	9.4	3.4	6.8
SEP	3.6	7.1	4.8	9.6	4.8	9.7		
OCT	3.2	6.7	4.1	8.9	4.5	10.0		
NOV	3.9	7.3	5.3	10.0	4.4	8.3		
DEC	6.2	8.0	7.4	9.5	7.8	9.9		

36. INSURED UNEMPLOYMENT IN PRIVATE SERVICE-PRODUCING INDUSTRIES (000)

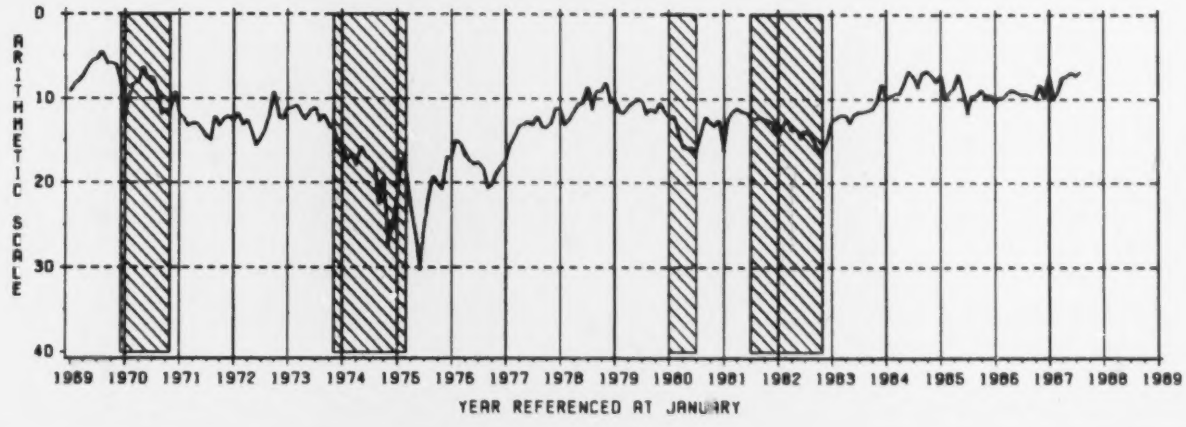
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	50.5	45.5	44.7	40.4	48.5	44.1	38.1	34.6
FEB	50.8	45.4	45.8	41.0	47.3	42.4	41.6	37.2
MAR	48.6	45.1	45.7	42.3	44.8	41.5	37.7	34.9
APR	41.8	42.9	41.5	42.5	42.0	43.1	36.7	37.8
MAY	38.7	43.3	38.1	43.0	38.3	43.4	34.9	39.6
JUN	39.6	43.8	39.1	43.2	37.8	41.6	33.5	36.9
JUL	45.4	43.4	46.0	43.8	42.9	40.8	41.1	39.1
AUG	44.3	41.9	46.1	43.5	43.3	40.9	40.9	38.6
SEP	40.5	43.1	42.1	44.4	38.4	40.4		
OCT	38.7	42.8	33.6	37.4	34.3	38.2		
NOV	37.9	39.7	38.7	41.1	36.5	38.7		
DEC	44.1	42.3	43.0	41.9	36.6	35.4		

CHART XII UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS –II

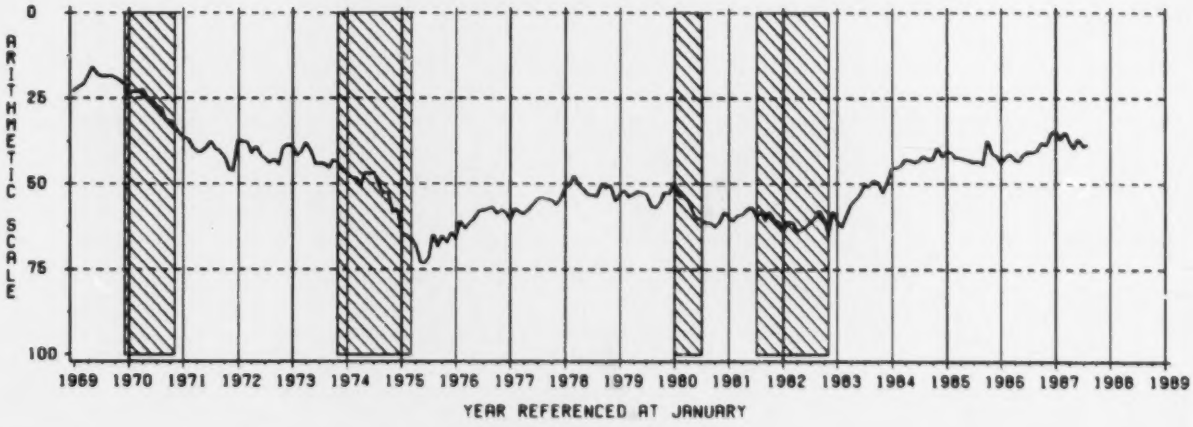
34. INSURED UNEMPLOYMENT IN MANUFACTURING (000) – INVERTED SCALE



35. INSURED UNEMPLOYMENT IN CONSTRUCTION (000) – INVERTED SCALE



36. INSURED UNEMPLOYMENT IN PRIVATE SERVICE–PRODUCING INDUSTRIES (000) – INVERTED SCALE



NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY

(THOUSANDS)

	1986 AUG	SEP	OCT	NOV	DEC	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
SEASONALLY ADJUSTED													
TOTAL NONFARM	3471.8	3497.2	3520.1	3527.8	3538.6	3553.6	3560.8	3568.1	3570.3	3567.4	3565.9	3557.8	3556.7
PRIVATE SECTOR	2941.0	2960.2	2980.0	2986.9	2996.9	3014.3	3020.4	3025.8	3024.1	3023.9	3025.6	3022.8	3022.3
GOODS PRODUCING	842.7	847.3	850.3	851.9	855.2	860.1	859.1	860.4	856.6	853.3	850.7	847.9	845.6
PRIVATE SERVICE PROD.	2098.3	2112.9	2129.7	2135.0	2141.7	2154.2	2161.3	2165.4	2167.5	2170.6	2174.9	2174.9	2176.7
PUBLIC SECTOR	530.8	537.0	540.1	540.9	541.7	539.3	540.4	542.3	546.2	543.5	540.3	535.0	534.4
NOT SEASONALLY ADJUSTED													
TOTAL NONFARM	3519.0	3513.2	3538.7	3545.2	3548.4	3478.3	3472.5	3506.9	3551.8	3575.9	3623.1	3612.3	3606.6
TOTAL GOODS PRODUCING	857.5	862.4	865.9	862.1	855.7	833.5	828.3	839.2	849.7	855.5	863.6	856.9	861.4
MINING	2.3	2.3	2.3	2.2	2.3	2.1	2.1	2.1	2.2	2.3	2.3	2.4	2.4
CONSTRUCTION	165.0	164.9	166.8	164.7	160.5	146.9	141.4	149.5	163.8	168.9	174.3	178.2	179.9
MANUFACTURING	690.2	695.2	696.8	695.2	692.9	684.5	684.8	687.6	683.7	684.3	687.0	676.3	679.1
DURABLE GOODS	320.2	324.1	325.9	325.4	325.2	321.6	320.0	321.5	319.8	317.6	318.4	313.4	312.0
LUMBER & WOOD PRODUCTS	6.8	6.9	7.0	7.1	7.1	7.0	7.0	7.1	7.2	7.2	7.2	7.1	7.2
FURNITURE & FIXTURES	13.1	13.2	13.2	13.2	13.1	13.1	13.1	13.2	13.1	13.0	13.1	12.9	13.0
STONE,CLAY,GLASS PRODUCTS	24.6	25.0	25.1	24.9	24.8	24.2	24.0	24.6	24.7	24.7	24.6	24.2	24.4
GLASS & GL./PRESSED,BLOWN	7.5	7.5	7.6	7.5	7.5	7.4	7.6	7.9	7.8	7.9	7.8	7.8	7.7
POTTERY & REL. PROD.	3.8	3.9	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8
PRIMARY METALS INDUSTRIES	19.0	19.8	19.5	19.2	19.4	19.1	18.9	18.9	18.6	18.5	18.4	18.1	18.1
BLAST FURN. & BASIC STEEL	3.5	3.5	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.2	3.2	3.3
IRON & STEEL FOUNDRIES	3.1	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.6	3.5
PRIMARY & SEC. NONFER.	1.5	1.5	1.3	1.2	1.1	0.8	0.6	0.6	0.5	0.4	0.4	0.4	0.3
NONFER. ROLL. & DRAWING	7.3	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.2	7.2	7.2	7.2
FAB. METALS, INCL. ORD.	48.4	49.4	49.9	50.2	49.7	49.6	48.8	48.7	48.4	47.8	48.0	47.2	47.1
METAL CANS	4.0	4.0	4.1	4.0	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7
CUTLERY, TOOLS & HARDWARE	5.5	5.6	5.7	5.9	5.8	5.7	5.6	5.6	5.5	5.3	5.2	4.7	4.9
FAB. STRUCT. METAL PROD.	12.9	12.8	12.9	12.8	12.8	12.9	12.6	12.3	12.3	12.2	12.3	12.3	12.2
METAL STAMPINGS	5.2	5.3	5.3	5.3	5.1	5.2	5.1	5.1	5.1	5.1	5.1	4.9	4.9
MACHINERY, EXCEPT ELEC.	54.9	55.3	55.1	55.0	55.1	55.1	55.0	55.0	55.0	54.4	54.2	53.3	52.1
CONSTRUCTION & REL.MACH.	3.1	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.9
METALWORKING MACHINERY	6.7	6.7	6.6	6.6	6.6	6.6	6.5	6.4	6.3	6.2	6.3	6.1	6.0
SPECIAL INDUSTRY MACH.	7.3	7.2	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.1
GENERAL INDUSTRY MACH.	11.7	11.8	11.8	11.5	11.6	11.5	11.5	11.5	11.4	11.3	11.1	10.9	10.4
REFRIGERATION MACH.	5.8	5.9	6.0	6.3	6.3	6.6	6.9	7.0	7.1	7.1	7.1	6.8	6.8
ELECTRICAL EQUIP. & SUPP.	88.9	89.1	90.1	90.3	89.9	88.7	88.5	88.7	87.5	87.0	87.5	86.2	85.9
ELEC. TEST & DIST. EQUIP.	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.5	4.6
ELECTRICAL IND. APPARATUS	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.4	2.4
ELEC. LIGHT. & WIRING	11.5	11.6	11.7	11.6	11.7	11.3	11.3	11.4	11.2	11.1	11.1	11.1	11.0
RADIO & TV REC. EQUIPMENT	3.6	3.8	3.8	3.8	3.7	3.3	3.2	3.2	3.2	3.1	3.1	2.9	3.1
COMMUNICATION EQUIPMENT	44.0	43.8	44.2	44.1	43.7	43.5	43.4	43.4	42.7	42.7	43.2	43.1	42.9
ELECTRON. COMP. & ACCESS.	16.8	16.7	16.9	16.9	16.8	16.6	16.5	16.5	16.4	16.3	16.4	16.0	15.9
TRANSPORTATION EQUIPMENT	11.6	12.3	12.4	12.4	13.3	13.1	13.0	13.3	13.4	13.2	13.2	12.9	12.8
MOTOR VEHICLES	6.6	7.3	7.5	7.5	8.5	8.6	8.6	8.7	8.7	8.6	8.6	8.4	8.3
AIRCRAFT & PARTS	2.5	2.5	2.5	2.5	2.5	2.4	2.3	2.5	2.5	2.4	2.4	2.4	2.4
SHIP & BOAT BLDG. & REP.	1.9	1.9	1.8	1.8	1.8	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.6
INSTRUMENTS & REL. PROD.	32.6	32.2	32.3	32.2	32.3	31.8	31.6	31.7	31.5	31.3	31.6	31.3	31.1
ENGINEER. & SCIENT. INST.	6.6	6.5	6.5	6.5	6.6	6.5	6.4	6.4	6.4	6.4	6.5	6.5	6.4
MEASURING & CONTROL INST.	7.0	6.6	6.8	6.5	6.5	6.3	6.1	6.1	6.1	6.0	6.0	6.0	5.9
MISCELL. MFG. INDUSTRIES	20.4	21.0	21.2	20.9	20.5	19.9	20.1	20.3	20.4	20.5	20.6	20.2	20.3
TOYS,JEWELRY & SPORT. GDS.	3.4	3.6	3.6	3.5	3.3	3.2	3.4	3.6	3.5	3.4	3.3	3.0	3.3
NONDURABLE GOODS	370.0	371.1	371.0	369.8	367.7	362.9	364.8	366.1	363.9	366.7	368.6	362.9	367.1
FOOD & KINDRED PRODUCTS	50.2	50.6	50.4	50.6	50.6	49.6	49.2	49.4	49.0	49.7	49.8	50.1	50.7
PRESERVED FRUITS & VEG.	11.3	11.7	11.6	11.6	11.4	10.7	10.5	10.5	10.4	11.0	11.0	11.0	11.3
GRAIN MILL & BAKERY PROD.	13.4	13.5	13.3	13.4	13.6	13.4	13.2	13.4	13.6	13.4	13.1	13.3	13.5
BEVERAGES	5.3	5.1	5.1	5.1	5.1	4.9	4.9	5.0	4.9	5.2	5.3	5.7	5.6
TOBACCO MANUFACTURES	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
TEXTILE MILL PRODUCTS	13.6	14.0	14.1	13.9	13.9	13.6	13.7	13.6	13.9	14.1	14.0	13.5	14.1
BROAD WOVEN FABRIC MILLS	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.5
TEXTILE FIN., EXCEPT WOOL	3.5	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.6

NOTE: NONFARM PAYROLL EMPLOYMENT INCLUDES CIVILIANS ON NONFARM ESTABLISHMENT PAYROLLS WHO WORKED OR RECEIVED PAY FOR ANY PART OF THE PAY PERIOD INCLUDING THE 12TH OF THE MONTH. IT EXCLUDES PROPRIETORS, SELF-EMPLOYED, UNPAID FAMILY WORKERS, AND DOMESTICS IN PRIVATE HOUSEHOLDS. DATA ARE ADJUSTED TO MARCH 1986 BENCHMARKS AND ARE NOT ADDITIVE.

NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY

(THOUSANDS)

	1986 AUG	SEP	OCT	NOV	DEC	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
APPAREL & OTHER TEXTILE PROD	46.4	46.8	47.5	46.4	45.2	43.2	43.9	44.2	43.8	45.1	45.5	42.4	44.1
MEN'S & BOYS' SUITS & COATS	1.8	1.9	1.9	1.8	1.9	1.9	1.8	1.8	1.7	1.7	1.8	1.8	1.6
MEN'S & BOYS' FURNISHINGS	3.4	3.4	3.5	3.5	3.4	3.5	3.5	3.5	3.6	3.5	3.5	3.4	3.5
WOMEN'S & MISSES' OUTERWEAR	22.8	22.8	22.9	22.1	21.1	19.5	20.1	20.3	20.1	21.6	22.1	20.2	21.4
WOMEN'S & CHILD UNDERGARM.	4.1	4.2	4.4	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.0	3.9	3.8
PAPER & ALLIED PRODUCTS	28.8	29.1	28.9	29.1	29.0	28.7	28.7	28.7	28.2	28.0	28.2	27.7	28.0
PAPER/P'B'R'D MILLS	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.5	2.3	2.3	2.4	2.3	2.4
PAPERBOARD CONT. & BOXES	10.9	11.1	11.0	11.1	11.1	11.0	11.0	11.0	10.8	10.7	10.8	10.6	10.9
PRINTING AND PUBLISHING	64.9	65.0	65.1	65.2	65.1	64.2	64.3	64.7	64.5	64.6	64.4	64.0	63.8
NEWSPAPERS	17.3	17.6	17.8	18.0	18.0	17.7	17.9	18.0	18.1	18.2	18.1	18.1	18.2
COMMERCIAL PRINTING	19.9	19.8	19.8	19.6	19.6	19.6	19.6	19.9	19.7	19.8	19.7	19.7	19.5
CHEMICALS & ALLIED PRODUCTS	118.4	117.6	116.8	116.5	116.2	115.8	116.6	116.8	116.1	116.9	118.1	118.0	118.4
INDUSTRIAL INORGANIC CHEM.	8.7	8.6	8.5	8.5	8.5	8.0	7.9	7.8	7.7	7.7	7.8	7.8	7.7
PLASTIC MATERIALS/SYNTHETIC	6.5	6.5	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.5	6.6	6.5
DRUGS	43.5	43.3	43.4	43.6	43.7	43.5	44.0	44.0	43.9	44.1	44.6	44.7	44.7
SOAPS, CLEANERS & TOIL GOOD	24.6	24.7	23.8	23.8	23.6	24.5	25.0	25.3	24.8	25.3	25.7	25.5	26.1
PAINTS & ALLIED PROD.	4.6	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5
INDUSTRIAL ORGANIC CHEMICAL	20.9	20.6	20.7	20.5	20.5	20.2	20.1	20.0	20.2	20.2	20.1	20.2	20.2
PETROLEUM & COAL PRODUCTS	8.5	8.4	8.3	8.3	8.3	8.2	8.1	8.2	8.2	8.2	8.3	8.3	8.2
PETROLEUM REFINING	6.5	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.3	6.3	6.2
RUBBER & MISC. PLASTIC PROD.	35.8	36.1	36.2	36.3	36.1	36.3	36.8	37.0	36.7	36.6	36.6	35.6	36.3
RUBBER & RUBBER PROD.	5.9	6.1	6.0	6.0	6.0	6.1	6.2	6.2	6.2	6.1	6.3	6.2	6.4
MISCELLANEOUS PLASTIC PROD.	29.9	30.1	30.2	30.3	30.1	30.2	30.6	30.8	30.5	30.5	30.3	29.4	29.9
LEATHER & LEATHER PRODUCTS	3.2	3.3	3.5	3.4	3.3	3.1	3.3	3.3	3.3	3.3	3.5	3.1	3.3
HANDBAGS, PERS. LEATHER GDS	1.2	1.3	1.5	1.4	1.3	1.2	1.3	1.3	1.3	1.3	1.4	1.2	1.4
TOTAL SERVICE PRODUCING	2661.6	2651.0	2672.9	2683.0	2692.7	2644.8	2644.2	2667.7	2702.1	2720.4	2759.5	2755.4	2745.2
PRIVATE-SERVICE PRODUCING	2136.5	2129.2	2134.6	2138.0	2148.0	2108.0	2102.0	2120.8	2152.6	2175.4	2213.1	2220.2	2216.6
TRANSPORTATION, COMMUN., ELECTRIC, GAS & SAN. SERV.	228.9	232.3	232.1	232.7	232.1	230.6	230.7	230.5	230.7	231.0	232.2	229.7	230.9
RAILROAD TRANSPORTATION	5.8	5.8	5.8	5.8	5.9	5.9	5.8	5.9	5.9	5.8	5.8	5.8	5.8
OTHER TRANSPORTATION	131.2	135.5	135.6	136.1	135.5	133.8	134.1	134.4	135.0	135.2	135.7	133.2	134.6
COMMUNICATIONS	62.6	62.0	61.8	61.9	61.7	61.8	61.7	61.1	60.7	60.8	61.0	60.9	61.0
ELEC, GAS & SANITARY SERV	29.2	28.9	28.9	28.9	29.0	29.1	29.1	29.1	29.1	29.2	29.7	29.8	29.5
WHOLESALE/RETAIL TRADE	840.4	843.0	847.5	850.4	865.0	836.6	827.8	833.6	845.4	855.4	872.2	871.1	867.8
WHOLESALE TRADE	256.3	256.7	257.7	257.9	258.5	257.2	257.8	258.3	259.2	259.4	261.1	262.6	263.0
RETAIL TRADE	584.1	586.2	589.8	592.5	606.5	579.4	570.0	575.3	586.2	596.0	611.1	608.5	604.8
BLDG/MAT/HRDWR/GARDEN SU	19.9	19.5	19.6	19.7	19.8	19.2	19.0	19.8	20.6	21.1	21.3	21.3	21.3
GENERAL MERCHANDISE STOR	80.0	80.9	84.5	89.0	96.0	87.7	83.5	82.8	83.4	84.0	85.3	85.8	85.0
FOOD STORES	105.6	105.8	106.3	106.9	107.5	102.7	102.3	102.6	105.5	105.9	107.9	110.1	109.5
AUTO DEALERS & SERV. STA	59.6	59.3	59.6	59.7	59.8	60.0	59.8	60.1	60.7	61.1	61.7	62.0	62.0
APPAREL & ACCESSORIES	50.7	51.0	52.0	52.6	53.8	50.7	49.1	50.1	51.4	51.9	53.1	52.9	53.1
EATING & DRINK. PLACES	159.4	160.1	155.7	149.9	150.5	145.8	144.8	148.1	152.9	159.7	168.6	162.7	160.4
FINANCE/INSUR./REAL EST.	213.6	211.1	211.0	212.0	212.5	213.0	212.8	214.2	216.1	217.9	222.0	224.8	224.9
BANKING	53.0	52.1	52.0	52.4	52.6	52.9	52.7	53.1	53.1	53.2	54.5	55.1	55.1
INS. AGENTS & CARRIERS	79.0	78.9	79.0	79.3	79.3	79.7	79.5	79.8	80.0	80.2	80.7	81.5	81.6
SERVICES	853.6	842.8	844.0	842.9	838.4	827.8	830.7	842.5	860.4	871.1	886.7	894.6	893.0
HOTELS,CAMPS,LODG. PLACE	69.9	66.4	63.6	62.0	60.8	60.3	60.8	63.4	66.2	69.3	73.2	75.3	74.4
CASINOS	39.9	39.2	38.5	38.3	38.1	38.0	38.2	39.8	41.0	41.8	42.6	43.5	42.5
PERSONAL SERVICES	35.6	36.2	36.8	36.8	37.2	37.3	37.4	37.5	38.7	37.3	37.2	36.7	36.5
BUSINESS SERVICES	241.7	241.3	243.5	244.5	244.0	238.7	239.2	242.1	245.0	246.6	249.3	252.3	253.6
MEDICAL & OTH HEALTH SER	215.2	215.3	216.1	216.7	217.1	217.3	217.4	218.0	219.5	220.4	222.9	223.4	223.5
HOSPITALS	112.8	112.9	112.8	113.1	113.3	113.2	113.5	113.7	114.0	114.5	115.8	116.9	116.8
LEGAL SERVICES	28.1	28.1	28.6	28.7	28.6	28.8	28.7	28.8	28.9	28.9	29.8	29.8	29.7
EDUCATIONAL SERVICES	43.0	45.9	49.5	50.2	49.6	48.0	49.7	50.2	50.3	49.8	47.4	44.2	43.9
SOCIAL SERVICES	41.0	41.1	43.0	43.4	43.6	43.4	43.5	43.8	44.0	44.2	44.4	42.8	42.3
MISC. SERVICES	43.1	42.8	43.2	43.2	43.2	44.2	44.0	44.4	44.5	44.7	45.5	46.2	46.2
PUBLIC SECTOR	525.1	521.8	538.3	545.0	544.7	536.8	542.2	546.9	549.5	545.0	546.4	535.2	528.6
FEDERAL	76.0	76.0	76.4	76.5	76.6	76.5	76.6	77.3	77.5	77.6	77.9	77.9	77.4
LOCAL	337.8	333.7	345.2	350.1	350.5	348.4	349.0	350.2	352.2	350.6	352.6	342.5	336.9
LOCAL EDUCATION	163.3	177.1	191.4	196.4	195.6	193.7	194.6	195.8	197.6	195.6	195.7	168.6	161.5
STATE*	111.4	112.0	116.8	118.4	117.7	111.9	116.6	119.4	119.8	116.8	115.9	114.8	114.3
EXEC/LEG/JUD.(FULL)**	70.7	73.0	73.4	73.7	74.2	74.1	74.2	74.9	74.8	74.9	75.2	72.6	72.6

* THE TOTAL NUMBER OF STATE EMPLOYEES REPORTED UNDER THIS HEADING IS DETERMINED ON THE BASIS OF A DEFINITION DEVELOPED BY THE U.S. BUREAU OF LABOR STATISTICS WHICH IS STANDARDIZED THROUGHOUT THE NATION. THE DEFINITION INCLUDES BOTH FULL- AND PART-TIME WORKERS IN THE EXECUTIVE DEPARTMENTS, THE LEGISLATURE, AND THE JUDICIARY, AS WELL AS ALL EMPLOYEES OF AUTHORITIES, COMMISSIONS, THE STATE UNIVERSITY AND OTHER AGENCIES NOT INCLUDED ON THE CENTRAL STATE PAYROLL

** THIS SUB-CATEGORY OF STATE GOVERNMENT EMPLOYMENT IS LIMITED TO FULL-TIME EMPLOYEES OF THE EXECUTIVE DEPARTMENTS, THE LEGISLATURE, AND THE JUDICIARY. THE FIGURES ARE BASED ON THE CENTRAL STATE PAYROLL AND ARE PROVIDED BY THE DEPARTMENT OF TREASURY.

NEW JERSEY'S NONFARM PAYROLL WORKERS BY MAJOR INDUSTRIES, 1958-1986
(thousands)

Year	Total Nonfarm Payrolls	Goods Producing	Manufacturing	Mining	Contract Constr.	Private Service Producing	Transport. Comm., & Pub. Util.	Trade	Finance Ins. & Real Est.	Services	Public Sector
1959	1,970.9	901.8	801.9	3.6	96.3	835.6	147.0	360.3	86.7	241.6	233.5
1960	2,017.1	911.0	808.8	3.5	98.7	864.0	149.5	374.5	88.0	252.0	242.2
1961	2,033.6	894.9	791.5	3.4	100.0	885.0	150.1	380.1	90.6	264.2	253.6
1962	2,095.8	917.5	812.8	3.4	101.3	915.6	150.8	393.1	92.8	278.9	262.8
1963	2,129.4	914.1	809.4	3.5	101.2	943.2	151.9	405.3	94.5	291.5	272.1
1964	2,168.7	917.1	806.7	3.6	106.8	971.6	153.4	420.0	96.6	301.6	280.0
1965	2,257.8	951.6	837.5	3.5	110.6	1,011.0	157.0	438.5	99.9	315.6	295.4
1966	2,359.1	993.5	879.3	3.0	111.2	1,053.6	162.2	459.6	101.0	330.8	312.0
1967	2,421.5	997.7	882.8	2.8	112.2	1,094.6	166.3	472.0	104.7	351.6	329.2
1968	2,485.2	1,004.1	885.3	3.1	115.6	1,136.8	166.3	489.5	108.4	372.6	344.4
1969	2,569.6	1,013.9	892.5	3.3	118.1	1,195.6	176.2	514.9	111.3	393.2	360.1
1970	2,606.2	984.3	860.7	3.2	120.4	1,247.1	182.2	538.0	116.5	410.4	374.8
1971	2,607.6	938.9	818.3	3.0	117.6	1,280.8	181.1	558.3	120.4	421.0	388.0
1972	2,674.4	948.1	823.3	3.2	121.6	1,321.0	181.2	577.3	124.6	437.9	405.3
1973	2,760.8	972.7	842.6	3.3	126.8	1,371.1	186.4	596.9	131.0	456.8	417.1
1974	2,783.4	947.8	825.9	3.2	118.7	1,395.7	185.8	603.5	136.5	469.9	439.9
1975	2,699.9	849.9	747.9	2.8	99.2	1,379.9	174.3	599.3	135.2	471.1	470.2
1976	2,753.7	852.8	756.2	2.7	93.9	1,420.5	176.0	618.5	138.0	488.0	480.5
1977	2,836.9	865.1	767.3	2.9	94.9	1,468.2	178.2	637.3	142.9	509.8	504.0
1978	2,961.9	894.7	786.8	2.6	105.3	1,544.3	188.5	665.9	147.7	542.2	523.0
1979	3,027.2	915.5	799.1	2.6	113.7	1,593.9	190.4	678.6	153.9	571.0	517.8
1980	3,060.4	894.7	781.0	2.4	111.2	1,636.0	194.5	680.3	158.1	603.1	529.7
1981	3,098.9	882.1	771.1	2.3	108.7	1,687.8	196.5	690.6	161.8	638.9	529.0
1982	3,092.7	839.1	729.6	2.1	107.3	1,729.0	197.1	701.2	167.1	663.6	524.7
1983	3,165.1	829.2	715.1	2.0	112.1	1,814.7	203.0	735.3	172.7	703.7	521.2
1984	3,329.3	860.2	726.8	2.2	131.3	1,947.0	219.4	787.3	183.0	757.3	522.1
1985	3,414.3	856.2	713.0	2.2	141.0	2,026.9	226.0	813.2	194.9	792.8	531.1
1986	3,486.9	848.5	692.8	2.2	153.5	2,102.8	229.8	832.8	208.9	831.2	535.7

Year	Durable Goods	Lumber & Wood*	Furniture & Fixtures	Stone, Clay & Glass	Primary Metals	Fabricated Metals	Nonelectrical Mach.	Electrical Machinery	Transport. Equipment	Instruments*	Misc. Mfg.
1959	431.1	5.9	9.2	33.1	41.7	54.3	57.8	121.4	50.5	30.2	27.0
1960	436.8	5.7	9.8	33.7	42.6	54.8	61.0	122.3	48.5	31.7	26.8
1961	421.9	5.6	9.0	34.4	40.7	54.2	57.3	119.5	41.7	31.9	27.6
1962	436.3	5.8	9.7	34.6	40.1	56.1	60.3	125.2	42.5	32.4	29.9
1963	426.0	5.7	8.9	34.9	38.6	55.7	60.1	121.7	39.0	32.9	28.7
1964	419.1	5.6	9.0	35.6	37.9	57.2	61.4	115.1	35.6	31.0	30.7
1965	438.7	5.6	9.4	36.9	39.8	60.8	65.4	118.4	36.8	32.7	32.9
1966	463.4	5.2	10.5	39.3	40.4	64.7	70.8	129.9	36.4	34.3	31.9
1967	464.6	5.0	11.0	39.1	38.6	66.2	75.0	131.1	32.0	36.5	30.0
1968	460.9	5.3	10.2	38.8	38.5	67.5	75.8	127.6	31.7	35.8	29.7
1969	463.3	5.2	11.0	40.9	39.4	69.8	76.2	124.5	31.4	34.7	30.2
1970	434.3	4.9	10.5	39.6	37.2	67.0	72.8	115.2	26.3	33.2	27.5
1971	404.6	4.5	10.6	39.0	33.3	62.9	66.3	104.6	25.2	32.4	25.6
1972	405.9	5.1	10.8	39.9	31.8	63.5	65.8	102.9	25.7	35.1	25.2
1973	420.5	5.3	10.6	40.8	32.0	66.2	72.1	108.1	25.3	34.4	25.9
1974	413.2	5.0	10.3	40.5	31.2	64.4	76.1	105.1	21.1	33.9	25.6
1975	363.0	4.6	8.9	36.0	26.1	58.1	68.4	88.1	19.3	31.2	22.4
1976	363.0	5.3	8.7	36.1	23.9	59.4	67.5	86.8	19.8	31.3	24.0
1977	370.0	5.8	8.9	35.1	23.0	61.1	71.0	87.9	20.7	32.0	24.5
1978	382.8	6.0	10.0	35.2	24.5	64.1	74.2	89.8	20.9	32.3	25.7
1979	395.9	6.7	10.3	35.3	25.5	64.5	76.4	92.9	21.6	35.6	27.1
1980	384.3	5.9	9.7	33.1	25.7	60.8	75.1	92.2	18.5	37.2	26.1
1981	374.7	6.1	9.6	30.9	25.4	58.8	72.5	91.6	17.5	37.1	25.3
1982	350.1	5.5	9.9	27.1	21.8	54.3	66.5	90.9	14.7	35.7	23.6
1983	341.6	5.9	10.5	26.8	20.7	50.9	60.9	93.1	15.1	34.2	23.5
1984	346.2	6.4	12.6	26.2	21.6	51.1	59.9	95.0	16.1	33.5	23.9
1985	337.4	6.7	12.9	25.2	20.9	50.1	59.1	93.5	14.7	33.6	20.8
1986	324.2	6.8	13.0	24.5	19.9	49.2	55.9	89.8	12.0	32.8	20.2

Year	Nondurable Goods	Food	Tobacco	Textiles	Apparel	Paper	Printing & Publishing	Chemicals	Petroleum	Rubber & Plastics*	Leather
1959	370.8	62.3	1.8	33.2	79.2	28.3	31.5	82.4	11.8	29.3	11.1
1960	372.0	62.9	1.7	31.4	77.7	28.0	32.3	86.4	11.5	29.2	11.0
1961	369.6	63.9	1.6	29.1	76.4	28.1	32.6	87.0	11.1	29.2	10.8
1962	376.5	64.2	1.5	28.6	75.8	29.7	33.0	91.0	10.7	30.7	11.5
1963	383.4	64.9	1.4	27.9	74.5	31.4	34.6	94.8	10.5	31.7	11.7
1964	387.6	65.0	1.5	27.8	74.6	31.5	35.8	96.4	9.7	34.2	11.2
1965	398.8	66.4	1.4	28.5	77.3	31.3	37.5	98.9	9.8	36.0	11.5
1966	415.9	67.2	0.8	29.6	80.3	33.0	39.6	105.5	10.5	37.2	12.2
1967	418.1	65.3	0.6	29.1	78.5	33.7	41.5	110.9	9.6	37.7	11.3
1968	424.5	64.5	0.3	30.5	78.7	34.3	42.2	113.1	9.7	39.9	11.5
1969	429.2	63.2	0.3	30.8	77.2	35.0	43.3	117.4	10.0	41.4	10.6
1970	426.4	63.5	0.3	29.6	72.3	35.3	44.8	120.9	10.1	40.0	9.6
1971	413.7	61.8	0.3	29.4	69.8	35.9	43.8	117.5	10.1	36.8	9.5
1972	417.4	59.8	0.3	30.5	68.9	35.9	46.0	119.3	10.6	37.2	8.9
1973	422.1	58.7	0.2	31.3	68.7	36.8	46.9	124.1	10.9	35.5	9.0
1974	412.7	56.7	0.2	28.8	63.1	35.4	47.8	126.6	11.8	34.0	8.4
1975	384.9	53.6	0.2	24.5	57.9	32.1	46.4	121.0	12.1	29.3	7.9
1976	393.2	52.7	0.2	23.9	61.1	33.2	47.4	122.4	11.9	32.0	8.3
1977	397.3	50.2	0.3	22.8	59.7	33.4	49.7	127.2	11.9	34.2	7.9
1978	404.0	49.9	0.5	22.4	59.3	33.7	51.7	130.0	11.9	37.3	7.3
1979	403.3	49.5	0.4	21.5	56.5	33.9	54.3	129.6	11.9	38.8	6.9
1980	396.8	49.3	0.4	20.2	55.7	32.3	55.4	128.2	12.0	37.4	5.9
1981	396.4	48.1	0.3	19.0	56.1	31.3	57.7	128.9	11.8	37.3	5.9
1982	379.6	47.2	0.3	16.6	50.4	30.6	57.7	124.5	11.2	36.1	5.1
1983	373.5	47.7	0.3	15.4	50.6	31.2	58.0	119.1	10.3	36.2	4.7
1984	380.5	47.7	0.4	15.1	50.2	31.9	62.7	119.9	10.0	38.4	4.3
1985	375.6	48.1	0.3	14.0	46.8	30.0	65.6	120.2	9.3	37.1	4.0
1986	386.6	49.5	0.2	13.7	45.1	29.1	65.3	117.5	8.6	36.2	3.4

* Data from 1972 forward are not precisely comparable with earlier figures because of SIC revisions. The revisions caused noticeable changes between the original and revised 1972 averages such as lumber (+700), furniture (-500), rubber (+2,000), and instruments (+3,000).

AVERAGE WEEKLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

	1986 AUG	SEP	OCT	NOV	DEC	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
TOTAL MANUFACTURING	416.15	418.18	416.75	425.76	428.28	426.22	425.60	428.08	424.54	427.22	428.86	428.40	428.40
DURABLE GOODS	423.67	429.00	428.16	429.77	436.90	436.54	433.25	436.35	428.49	433.06	433.89	432.22	434.51
LUMBER & WOOD PRODUCTS	316.36	318.76	315.22	346.90	336.66	327.35	324.37	320.02	318.27	324.82	333.31	339.08	330.08
FURNITURE & FIXTURES	323.58	347.78	345.69	347.36	348.47	341.94	343.10	343.56	342.10	345.91	348.91	342.50	356.79
STONE,CLAY,GLASS PRODUCTS	437.33	443.83	435.74	441.23	447.69	445.36	440.91	442.80	437.00	452.17	447.73	453.25	447.30
GLASS & GLWR./PRESS,BLOWN	455.80	468.60	460.56	461.29	465.70	456.23	465.77	467.09	457.10	479.95	453.96	467.41	457.80
POTTERY & REL. PRODUCTS	408.07	412.89	402.73	394.06	417.87	415.15	414.29	417.37	407.90	403.01	418.50	432.90	428.06
PRIMARY METAL INDUSTRIES	440.11	456.72	420.27	432.16	429.24	428.38	427.68	432.46	429.78	430.77	436.37	432.63	426.94
BLAST FURN. & BASIC STEEL	508.03	487.13	478.76	495.25	498.15	499.07	491.81	497.45	499.22	501.03	509.18	495.04	496.35
IRON & STEEL FOUNDRIES*	462.21	456.18	453.63	463.87	433.13	434.15	442.20	442.68	449.10	448.35	456.88	471.71	453.14
PRIMARY & NONFER. METALS*	609.31	588.14	422.81	424.54	436.29	423.60	428.58	435.24	421.34	391.17	397.60	387.48	382.01
NONFER. ROLL. & DRAWING	387.86	452.09	384.19	404.75	408.98	406.39	407.22	412.69	402.19	406.22	410.39	399.17	398.94
FAB. METALS, INCL. ORD.	412.23	417.58	431.04	428.03	436.22	443.47	440.37	445.17	427.66	433.05	432.41	426.17	433.02
METAL CANS	470.47	490.04	491.46	483.64	504.19	496.62	494.80	492.36	495.45	483.30	485.32	467.61	473.48
CUTLERY, TOOLS & HRDWR.	534.51	548.23	627.88	588.27	572.68	610.06	622.86	614.43	543.49	553.40	527.62	528.20	541.49
FAB. STRUCT. METAL PROD.*	391.62	379.47	376.79	386.78	396.53	399.63	393.84	404.70	385.70	404.58	406.62	400.26	393.47
METAL STAMPINGS	396.36	400.55	401.31	416.96	460.96	456.29	446.61	468.26	464.94	464.12	481.11	471.16	474.72
MACHINERY, EXCEPT ELEC.	437.85	451.96	451.12	454.30	464.58	459.38	451.19	457.45	447.79	453.18	453.02	453.60	454.44
CONSTR. & REL. MACH.*	398.35	410.80	411.72	446.13	442.49	455.80	449.08	455.67	433.32	440.82	459.67	443.70	450.96
METALWORKING MACHINERY	427.23	474.30	465.87	477.93	479.13	466.55	454.12	459.67	463.54	471.32	460.32	462.64	448.10
SPECIAL INDUSTRY MACH.	509.29	530.61	540.57	563.65	570.21	572.23	560.77	576.22	563.05	581.27	580.29	585.85	577.25
GENERAL INDUSTRY MACH.	459.03	464.36	446.20	450.53	483.94	470.38	482.66	490.48	473.48	483.32	474.31	479.97	495.50
REFRIG/SVC IND MACH.	412.17	466.77	465.02	442.24	445.95	446.71	426.06	437.18	427.85	419.18	421.60	414.67	427.05
ELECTRICAL EQUIP. & SUP.	426.81	435.54	437.61	437.22	445.21	446.24	443.64	441.98	439.82	438.07	441.31	443.22	444.85
ELEC. TEST & DIST. SUP.*	326.40	323.05	332.07	338.66	322.14	314.71	315.63	318.89	318.44	316.88	319.71	309.14	308.47
ELEC. LIGHTING & WIRING*	306.88	316.83	316.17	321.64	309.32	313.39	312.53	307.20	305.37	307.30	326.61	325.97	321.77
RADIO & TV REC. EQUIP.	372.60	345.45	351.43	360.87	421.87	417.73	407.95	390.57	410.23	415.30	395.28	389.60	400.82
COMMUNICATION EQUIPMENT	560.05	575.07	581.23	582.54	602.06	601.18	592.96	595.72	592.11	581.63	578.34	584.77	587.02
ELEC. COMP. & ACCESS.	314.03	315.95	310.44	311.65	312.03	312.43	313.63	312.04	308.48	311.59	312.78	315.95	310.34
TRANSPORTATION EQUIPMENT	664.94	598.09	561.17	539.74	570.29	578.60	579.90	573.29	554.55	559.02	557.86	538.41	562.12
MOTOR VEHICLES & EQUIP.	769.49	675.09	606.42	574.07	605.44	612.02	616.90	608.19	582.33	598.24	593.45	566.75	597.19
INSTRUMENTS & REL. PROD.	424.77	418.18	419.99	427.04	433.25	428.87	428.06	440.77	435.56	442.21	447.07	440.96	444.11
MISC. MFG. INDUSTRIES	322.22	326.14	332.93	344.40	344.35	336.94	338.96	346.39	341.78	347.13	344.97	342.86	347.17
NONDURABLE GOODS	409.25	409.86	406.82	421.69	421.65	416.93	418.37	420.43	420.56	422.42	425.89	424.11	422.90
FOOD & KINDRED PRODUCTS	417.37	422.47	426.17	448.24	442.39	435.90	438.01	434.84	441.32	445.77	453.60	449.86	446.29
PRESERV FRUITS/VEG*	410.12	415.59	434.85	433.84	460.10	462.44	453.26	442.02	437.41	434.93	444.08	432.60	435.87
GRAIN MILL & BAK. PROD	424.32	438.04	419.60	467.18	419.05	426.78	430.81	425.30	436.59	454.27	461.74	463.70	455.40
BEVERAGES*	378.18	396.38	455.46	448.04	496.08	487.30	471.50	480.99	481.15	478.71	517.44	513.76	505.92
TEXTILE MILL PRODUCTS	354.96	350.24	346.25	352.94	350.20	348.82	343.40	349.16	347.65	355.18	369.73	352.33	356.36
APPAREL & OTHER TEXT. PROD.	236.83	245.39	237.85	245.02	244.84	244.93	248.43	253.76	247.45	249.88	253.11	254.53	253.47
MEN'S & BOYS' STS AND CTS	196.51	209.96	202.55	205.52	211.42	211.87	210.53	214.14	209.39	216.40	212.81	213.33	204.78
MEN'S & BOYS' FURN.	235.22	219.04	233.10	240.37	248.38	239.23	242.26	250.00	240.47	243.89	242.93	240.77	247.30
WOMEN'S & CHILD UNDERGAR	248.98	249.56	250.69	260.18	242.68	251.02	255.30	262.96	260.07	274.28	266.87	273.44	275.62
PAPER & ALLIED PRODUCTS	451.28	443.39	442.04	451.36	469.65	465.15	466.31	463.05	462.35	462.03	467.53	463.32	464.61
PAPERBOARD CONT. & BOXES	431.15	437.76	437.84	445.88	450.66	440.08	441.50	439.21	439.03	445.05	446.22	443.72	450.91
PRINTING AND PUBLISHING	374.12	386.05	390.29	392.36	393.02	386.05	380.28	387.83	385.02	393.75	388.19	383.93	392.57
NEWSPAPERS	419.43	422.36	435.74	421.20	430.27	420.83	426.01	424.96	432.12	422.88	424.53	435.75	433.99
COMMERCIAL PRINTING*	438.69	450.54	444.13	465.11	474.78	456.80	455.00	457.81	453.49	459.42	455.90	445.44	459.03
CHEMICALS & ALLIED PROD.	532.93	519.96	526.68	533.80	536.36	524.15	530.42	529.58	531.30	532.98	535.93	530.87	525.84
INDUSTRIAL INORG CHEM.*	575.85	552.13	556.74	570.24	564.14	542.26	543.49	527.90	510.46	522.49	536.31	526.26	536.76
PLASTIC MAT. & SYN.	548.23	555.56	563.77	569.40	575.90	599.28	599.85	603.29	603.40	605.25	607.39	622.74	622.40
DRUGS	528.77	530.42	530.88	527.09	526.49	521.21	536.78	519.97	517.34	528.64	535.92	516.24	511.87
SOAPS, CLNRS & TOILET GDS.*	408.04	406.46	411.08	435.78	449.49	433.70	420.55	429.30	432.32	430.66	434.57	437.78	428.27
PAINTS & ALLIED PRODUCTS*	496.78	513.42	506.60	513.40	525.31	510.25	530.19	514.84	503.86	506.04	509.46	523.13	526.18
INDUST ORGAN. CHEMICALS	686.72	642.34	642.97	642.68	632.87	616.88	635.26	652.93	668.16	661.02	651.33	648.81	636.92
PETROLEUM & COAL PROD.	657.28	713.66	630.85	762.85	715.14	703.84	713.09	715.32	726.38	726.08	734.94	753.42	752.40
PETROLEUM REFINING	704.73	757.73	671.58	840.42	779.20	767.23	772.13	777.92	788.54	788.51	804.94	818.45	811.63
RUBBER & PLAS. PROD., NEC	353.22	348.20	346.09	355.75	368.51	359.06	357.42	365.50	361.20	358.23	363.72	353.97	360.64
RUBBER & RUBBER PRODUCTS*	367.63	359.04	361.62	363.91	368.24	364.81	365.72	370.82	364.49	366.50	363.85	353.43	348.94
MISCELLANEOUS PLAS. PROD.	350.28	345.27	343.54	354.46	368.50	357.00	355.75	364.23	360.39	356.14	364.19	353.57	362.37
LEATHER & LEATHER PROD.	252.72	267.08	266.05	276.64	249.57	258.14	256.12	254.89	247.87	257.42	266.00	257.66	253.65

WEEKLY EARNINGS ARE AFFECTED BY PREMIUM PAY, SHIFT DIFFERENTIALS, PIECEWORK AND INCENTIVE PAYMENTS, LENGTH OF WORKWEEK, AND OTHER FACTORS.

* DATA FROM 1986 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

	1986 AUG	SEP	OCT	NOV	DEC	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
TOTAL MANUFACTURING	41.0	41.2	41.1	41.7	41.5	41.3	41.2	41.4	40.9	41.0	41.0	40.8	40.8
DURABLE GOODS	41.7	42.1	42.1	42.3	42.5	42.3	41.9	42.2	41.4	41.6	41.6	41.4	41.5
LUMBER & WOOD PRODUCTS	40.3	40.4	39.8	43.2	42.4	41.7	41.8	41.4	40.7	40.4	41.2	41.2	40.7
FURNITURE & FIXTURES	40.6	41.8	41.4	41.7	40.9	41.0	40.7	40.9	40.2	40.6	41.0	40.2	41.2
STONE,CLAY,GLASS PRODUCTS	42.5	43.3	43.1	43.3	42.8	42.7	42.6	42.7	42.1	42.9	42.6	42.8	42.6
GLASS & GLWR./PRESS,BLOWN	43.0	44.0	44.2	44.1	44.1	43.7	44.7	44.4	43.7	44.9	43.4	44.6	43.6
POTTERY & REL. PRODUCTS	39.2	40.4	39.6	38.9	39.2	39.5	38.9	39.3	38.3	38.2	38.5	39.0	39.2
PRIMARY METAL INDUSTRIES	44.5	45.4	44.1	45.3	44.9	44.3	44.0	44.4	43.5	43.6	43.9	43.7	43.3
BLAST FURN. & BASIC STEEL	44.8	43.3	42.9	44.9	45.0	44.8	43.6	44.1	43.6	44.3	45.1	44.2	45.0
IRON & STEEL FOUNDRIES*	47.7	44.9	44.3	45.3	43.4	42.9	44.0	43.4	43.1	42.7	44.4	45.4	44.6
PRIMARY & NONFER. METAL*	43.0	42.1	39.7	39.9	40.1	39.7	39.5	40.3	39.9	38.2	40.0	39.1	39.1
NONFER. ROLL. & DRAWING	45.1	50.4	46.4	48.3	48.4	47.2	46.7	47.6	45.6	45.9	44.9	44.6	43.6
FAB. METALS, INCL. ORD.	41.1	41.8	42.3	41.8	42.6	42.6	42.1	42.6	41.4	41.8	41.9	41.7	42.0
METAL CANS	44.3	45.5	44.8	42.8	45.3	44.5	44.1	44.0	45.0	45.0	44.0	42.9	43.8
CUTLERY, TOOLS & HARDWARE	39.8	40.4	44.0	42.2	41.2	41.9	42.4	42.2	39.1	39.5	38.4	38.0	38.9
FAB. STRUCT. METAL PROD.*	42.2	41.7	41.0	41.5	42.5	42.2	41.5	42.6	40.6	42.1	42.4	42.9	42.4
METAL STAMPINGS	39.4	40.5	39.0	40.6	43.0	41.9	41.2	42.3	42.0	41.7	43.5	42.6	43.0
MACHINERY, EXCEPT ELEC.	41.7	42.2	42.2	42.3	42.7	42.3	41.7	42.2	41.5	42.0	41.6	41.5	41.2
CONSTRUCTION & REL. MACH.*	38.6	40.0	39.1	41.5	40.3	41.1	40.9	41.2	39.5	39.5	41.3	40.3	40.3
METALWORKING MACHINERY	41.6	45.0	44.2	44.5	44.2	43.4	42.6	43.0	43.2	43.4	42.9	42.6	41.8
SPECIAL INDUSTRY MACH.	42.3	43.6	44.2	45.9	45.8	45.2	44.4	45.3	44.3	45.2	45.3	45.1	44.2
GENERAL INDUSTRY MACH.	42.7	42.1	41.2	41.6	42.6	41.7	42.6	43.1	42.2	43.0	41.9	42.4	42.9
REFRIG/SVC IND MACH.	41.3	43.1	43.5	41.8	41.6	41.4	40.5	41.4	41.1	40.5	40.0	38.9	39.8
ELECTRICAL EQUIP. & SUPP.	41.0	42.0	42.2	42.0	42.2	41.9	41.5	41.5	40.8	40.6	40.9	40.7	40.7
ELEC. TEST & DIST. SUPP.*	40.0	39.3	40.2	41.2	39.0	38.1	37.8	38.7	38.0	37.5	38.8	37.7	37.3
ELEC. LIGHT. & WIRING*	40.7	42.3	42.1	42.1	40.7	40.7	40.8	40.0	39.2	39.6	41.5	40.9	41.2
RADIO & TV REC. EQUIPMENT	40.5	39.3	39.8	39.7	41.4	41.4	41.0	40.1	40.9	41.2	40.5	40.0	40.9
COMMUNICATION EQUIPMENT	42.3	43.5	43.8	43.8	45.2	44.4	43.6	43.9	43.0	42.3	42.0	42.1	41.9
ELECTRON. COMP. & ACCESS.	39.7	40.3	39.8	39.4	39.2	39.8	39.5	39.7	38.9	38.9	39.0	39.2	38.6
TRANSPORTATION EQUIPMENT	47.7	44.6	43.2	42.2	43.7	43.8	43.7	43.3	42.3	42.0	41.6	40.3	41.7
MOTOR VEHICLES & EQUIP.	49.2	45.8	43.1	41.3	43.0	43.1	43.2	42.8	41.3	42.1	41.5	39.8	41.5
INSTRUMENTS & REL. PROD.	41.2	40.6	40.5	41.3	41.9	41.8	41.6	42.3	41.8	41.6	41.9	41.6	41.7
MISCELL. MFG. INDUSTRIES	39.2	39.2	39.4	41.0	40.8	40.4	40.4	40.8	40.4	40.6	40.3	40.1	40.7
NONDURABLE GOODS	40.4	40.5	40.2	41.1	40.7	40.4	40.5	40.7	40.4	40.5	40.6	40.2	40.2
FOOD & KINDRED PRODUCTS	40.6	41.5	41.7	43.1	41.5	41.2	41.4	41.1	41.4	41.7	42.0	41.5	41.4
PRESERV FRUITS/VEGS*	42.9	43.7	44.6	44.0	42.8	43.3	42.4	41.7	41.5	41.7	42.7	42.0	42.4
GRAIN MILL & BAKERY PROD	40.8	40.9	40.0	42.9	39.2	39.7	40.3	39.6	40.5	41.6	41.9	41.7	41.4
BEVERAGES*	32.8	37.5	39.4	40.4	42.4	41.9	41.0	41.5	41.3	40.5	42.0	41.6	40.8
TEXTILE MILL PRODUCTS	43.5	43.4	42.8	43.2	42.5	42.8	42.5	43.0	42.5	43.0	43.6	42.5	43.3
APPAREL & OTHER TEXTILE	35.4	36.3	35.5	36.9	35.9	35.6	35.9	36.2	35.4	35.8	35.8	35.9	35.7
MEN'S & BOYS' STS AND CTS	35.6	36.9	36.3	36.7	38.3	37.7	37.0	37.7	36.8	37.7	37.8	38.3	37.3
MEN'S & BOYS' FURN.	38.0	35.5	37.0	39.6	39.3	38.4	39.2	40.0	39.1	39.4	39.5	38.4	38.4
WOMEN'S & CHILD UNDERGAR	36.4	34.0	34.2	34.1	32.1	32.6	32.9	33.8	33.3	34.2	33.4	33.8	34.8
PAPER & ALLIED PROD.	44.2	43.3	43.0	43.4	44.9	44.3	44.2	44.1	43.7	43.1	42.8	42.9	42.9
PAPERBOARD CONT. & BOXES	42.9	43.3	42.8	43.8	44.4	43.4	43.2	43.4	43.0	43.0	42.7	41.9	42.7
PRINTING AND PUBLISHING	37.6	37.7	37.6	37.8	37.9	37.7	37.1	37.8	37.2	37.5	36.9	36.6	37.0
NEWSPAPERS	33.0	33.1	33.7	32.5	33.2	32.1	32.2	32.0	32.2	31.7	31.4	31.9	32.1
COMMERCIAL PRINTING*	39.7	39.8	40.5	40.2	41.0	40.0	39.6	40.3	39.4	39.3	38.8	38.6	39.2
CHEMICALS & ALLIED PROD.	42.6	42.0	41.9	42.5	42.4	42.1	42.4	42.4	42.2	42.3	42.5	42.3	41.7
INDUSTRIAL INORG CHEM.*	45.2	44.1	43.7	44.0	43.8	42.9	43.1	42.3	41.4	41.9	42.7	41.9	42.6
PLASTIC MATERIALS & SYN.	43.1	42.9	43.3	43.3	44.3	45.4	45.0	45.6	45.3	45.0	45.6	46.3	45.2
DRUGS	41.8	41.7	40.9	41.7	41.1	41.3	42.2	41.3	40.8	41.3	42.0	41.2	40.4
SOAPS, CLNERS & TOIL GDS.*	39.5	39.5	39.3	40.5	41.2	40.8	39.9	40.5	40.3	40.4	40.5	41.3	40.1
PAINTS & ALLIED PROD.*	42.1	43.0	42.5	42.5	43.2	42.1	43.0	42.2	41.3	42.1	42.0	42.6	42.4
INDUST ORGAN. CHEMICALS	46.4	44.7	44.9	45.1	44.6	44.0	44.8	45.5	46.4	46.0	45.2	44.5	44.2
PETROLEUM & COAL PROD.	41.6	43.2	40.7	44.9	42.9	42.4	42.7	43.3	43.6	43.4	44.3	44.9	44.0
PETROLEUM REFINING	41.7	43.2	40.9	46.0	43.8	43.2	43.5	44.2	44.4	44.1	45.4	45.8	44.4
RUBBER & PLASTIC PROD NEC	41.9	41.7	41.9	42.2	42.8	41.8	42.0	42.5	42.0	41.8	42.0	40.5	41.5
RUBBER & RUBBER PROD.*	41.4	40.8	41.0	41.4	40.6	40.4	41.0	41.9	41.0	41.6	41.3	40.3	40.2
MISCELLANEOUS PLASTIC	42.0	41.8	42.1	42.4	43.2	42.0	42.2	42.6	42.2	41.8	42.2	40.5	41.7
LEATHER & LEATHER PROD.	39.0	40.9	41.7	42.3	37.7	38.3	38.0	38.1	37.9	39.3	40.0	38.4	38.2

AVERAGE HOURS WORKED OR PAID FOR ARE AFFECTED BY LABOR TURNOVER, CHANGES IN OVERTIME HOURS, AND PART-TIME EMPLOYMENT.

* DATA FROM 1986 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

AVERAGE HOURLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

	1986 AUG	SEP	OCT	NOV	DEC	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
TOTAL MANUFACTURING	10.15	10.15	10.14	10.21	10.32	10.32	10.33	10.34	10.38	10.42	10.46	10.50	10.50
DURABLE GOODS	10.16	10.19	10.17	10.16	10.28	10.32	10.34	10.34	10.35	10.41	10.43	10.44	10.47
LUMBER & WOOD PRODUCTS	7.85	7.89	7.92	8.03	7.94	7.85	7.76	7.73	7.82	8.04	8.09	8.23	8.11
FURNITURE & FIXTURES	7.97	8.32	8.35	8.33	8.52	8.34	8.43	8.40	8.51	8.52	8.51	8.52	8.66
STONE,CLAY,GLASS PRODUCTS	10.29	10.25	10.11	10.19	10.46	10.43	10.35	10.37	10.38	10.54	10.51	10.59	10.50
GLASS & GLMR./PRESS,BLOWN	10.60	10.65	10.42	10.46	10.56	10.44	10.42	10.52	10.46	10.69	10.46	10.48	10.50
POTTERY & REL. PRODUCTS	10.41	10.22	10.17	10.13	10.66	10.51	10.65	10.62	10.65	10.55	10.87	11.10	10.92
PRIMARY METAL INDUSTRIES	9.89	10.06	9.53	9.54	9.56	9.67	9.72	9.74	9.88	9.88	9.94	9.90	9.86
BLAST FURN. & BASIC STEEL	11.34	11.25	11.16	11.03	11.07	11.14	11.28	11.28	11.45	11.31	11.29	11.20	11.03
IRON & STEEL FOUNDRIES*	9.69	10.16	10.24	10.24	9.98	10.12	10.05	10.20	10.42	10.50	10.29	10.39	10.16
PRIMARY & NONFER. METAL*	14.17	13.97	10.65	10.64	10.88	10.67	10.85	10.80	10.56	10.24	9.94	9.91	9.77
NONFER. ROLL. & DRAWING	8.60	8.97	8.28	8.38	8.45	8.61	8.72	8.67	8.82	8.85	9.14	8.95	9.15
FAB. METALS, INCL. ORD.	10.03	9.99	10.19	10.24	10.24	10.41	10.46	10.45	10.33	10.36	10.32	10.22	10.31
METAL CANS	10.62	10.77	10.97	11.30	11.13	11.16	11.22	11.19	11.01	10.74	11.03	10.90	10.81
CUTLERY, TOOLS & HARDWARE	13.43	13.57	14.27	13.94	13.90	14.56	14.69	14.56	13.90	14.01	13.74	13.90	13.92
FAB. STRUCT. METAL PROD.*	9.28	9.10	9.19	9.32	9.33	9.47	9.49	9.50	9.50	9.61	9.59	9.33	9.28
METAL STAMPINGS	10.06	9.89	10.29	10.27	10.72	10.89	10.84	11.07	11.07	11.13	11.06	11.06	11.04
MACHINERY, EXCEPT ELEC.	10.50	10.71	10.69	10.74	10.88	10.86	10.82	10.84	10.79	10.79	10.89	10.93	11.03
CONSTRUCTION & REL. MACH.*	10.32	10.27	10.53	10.75	10.98	11.09	10.98	11.06	10.97	11.16	11.13	11.01	11.19
METALWORKING MACHINERY	10.27	10.54	10.54	10.74	10.84	10.75	10.66	10.69	10.73	10.86	10.73	10.86	10.72
SPECIAL INDUSTRY MACH.	12.04	12.17	12.23	12.28	12.45	12.66	12.63	12.72	12.71	12.86	12.81	12.99	13.06
GENERAL INDUSTRY MACH.	10.75	11.03	10.83	10.83	11.36	11.28	11.33	11.38	11.22	11.24	11.32	11.32	11.55
REFRIG/SVC IND MACH.	9.98	10.83	10.69	10.58	10.72	10.79	10.52	10.56	10.41	10.35	10.54	10.66	10.73
ELECTRICAL EQUIP. & SUPP.	10.41	10.37	10.37	10.41	10.55	10.65	10.69	10.65	10.78	10.79	10.79	10.89	10.93
ELEC. TEST & DIST. SUPP.*	8.16	8.22	8.24	8.22	8.26	8.26	8.35	8.24	8.38	8.45	8.24	8.20	8.27
ELEC. LIGHT. & WIRING*	7.54	7.49	7.51	7.64	7.60	7.70	7.66	7.68	7.79	7.76	7.87	7.97	7.81
RADIO & TV REC. EQUIPMENT	9.20	8.79	8.83	9.09	10.19	10.09	9.95	9.74	10.03	10.08	9.76	9.74	9.80
COMMUNICATION EQUIPMENT	13.24	13.22	13.27	13.30	13.32	13.54	13.60	13.57	13.77	13.75	13.77	13.89	14.01
ELECTRON. COMP. & ACCESS.	7.91	7.84	7.80	7.91	7.96	7.85	7.94	7.86	7.93	8.01	8.02	8.06	8.04
TRANSPORTATION EQUIPMENT	13.94	13.41	12.99	12.79	13.05	13.21	13.27	13.24	13.11	13.31	13.41	13.36	13.48
MOTOR VEHICLES & EQUIP.	15.64	14.74	14.07	13.90	14.08	14.20	14.28	14.21	14.10	14.21	14.30	14.24	14.39
INSTRUMENTS & REL. PROD.	10.31	10.30	10.37	10.34	10.34	10.26	10.29	10.42	10.42	10.63	10.67	10.60	10.65
MISCELL. MFG. INDUSTRIES	8.22	8.32	8.45	8.40	8.44	8.34	8.39	8.49	8.46	8.55	8.56	8.55	8.53
NONDURABLE GOODS	10.13	10.12	10.12	10.26	10.36	10.32	10.33	10.33	10.41	10.43	10.49	10.55	10.52
FOOD & KINDRED PRODUCTS	10.28	10.18	10.22	10.40	10.66	10.58	10.58	10.58	10.66	10.69	10.80	10.84	10.78
PRESERV FRUITS/VEG*	9.56	9.51	9.75	9.86	10.75	10.68	10.69	10.60	10.54	10.43	10.40	10.30	10.28
GRAIN MILL & BAKERY PROD	10.40	10.71	10.49	10.89	10.69	10.75	10.69	10.74	10.78	10.92	11.02	11.12	11.00
BEVERAGES*	11.53	10.57	11.56	11.09	11.70	11.63	11.50	11.59	11.65	11.82	12.32	12.35	12.40
TEXTILE MILL PRODUCTS	8.16	8.07	8.09	8.17	8.24	8.15	8.08	8.12	8.18	8.26	8.48	8.29	8.23
APPAREL & OTHER TEXTILE	6.69	6.76	6.70	6.64	6.82	6.88	6.92	7.01	6.99	6.98	7.07	7.09	7.10
MEN'S & BOYS' STS AND CTS	5.52	5.69	5.58	5.60	5.52	5.62	5.69	5.68	5.69	5.74	5.63	5.57	5.49
MEN'S & BOYS' FURN.	6.19	6.17	6.30	6.07	6.32	6.23	6.18	6.25	6.15	6.19	6.15	6.27	6.44
WOMEN'S & CHILD UNDERGAR	6.84	7.34	7.33	7.63	7.56	7.70	7.76	7.78	7.81	8.02	7.99	8.09	7.92
PAPER & ALLIED PROD.	10.21	10.24	10.28	10.40	10.46	10.50	10.55	10.50	10.58	10.72	10.69	10.80	10.83
PAPERBOARD CONT. & BOXES	10.05	10.11	10.23	10.18	10.15	10.14	10.22	10.12	10.21	10.35	10.45	10.59	10.56
PRINTING AND PUBLISHING	9.95	10.24	10.38	10.38	10.37	10.24	10.25	10.26	10.35	10.50	10.52	10.49	10.61
NEWSPAPERS	12.71	12.76	12.93	12.96	12.96	13.11	13.23	13.28	13.42	13.34	13.52	13.66	13.52
COMMERCIAL PRINTING*	11.05	11.32	11.46	11.57	11.58	11.42	11.49	11.36	11.51	11.69	11.75	11.54	11.71
CHEMICALS & ALLIED PROD.	12.51	12.38	12.57	12.56	12.65	12.45	12.51	12.49	12.59	12.60	12.61	12.55	12.61
INDUSTRIAL INORG CHEM.*	12.74	12.52	12.74	12.96	12.88	12.64	12.61	12.48	12.33	12.47	12.56	12.56	12.60
PLASTIC MATERIALS & SYN.	12.72	12.95	13.02	13.15	13.00	13.20	13.33	13.23	13.32	13.45	13.32	13.45	13.77
DRUGS	12.65	12.72	12.98	12.64	12.81	12.62	12.72	12.59	12.68	12.80	12.76	12.53	12.67
SOAPS, CLNERS & TOIL GDS.*	10.33	10.29	10.46	10.76	10.91	10.63	10.54	10.60	10.73	10.66	10.73	10.60	10.68
PAINTS & ALLIED PROD.*	11.80	11.94	11.92	12.08	12.16	12.12	12.33	12.20	12.20	12.02	12.13	12.28	12.41
INDUST ORGAN. CHEMICALS	14.80	14.37	14.32	14.25	14.19	14.02	14.18	14.35	14.40	14.37	14.41	14.58	14.41
PETROLEUM & COAL PROD.	15.80	16.52	15.50	16.99	16.67	16.60	16.70	16.52	16.66	16.73	16.59	16.78	17.10
PETROLEUM REFINING	16.90	17.54	16.42	18.27	17.79	17.76	17.75	17.60	17.76	17.88	17.73	17.87	18.28
RUBBER & PLASTIC PROD NEC	8.43	8.35	8.26	8.43	8.61	8.59	8.51	8.60	8.60	8.57	8.66	8.74	8.69
RUBBER & RUBBER PROD.*	8.88	8.80	8.82	8.79	9.07	9.03	8.92	8.85	8.89	8.81	8.81	8.77	8.68
MISCELLANEOUS PLASTIC	8.34	8.26	8.16	8.36	8.53	8.50	8.43	8.55	8.54	8.52	8.63	8.73	8.69
LEATHER & LEATHER PROD.	6.48	6.53	6.38	6.54	6.62	6.74	6.74	6.69	6.54	6.55	6.65	6.71	6.64

HOURLY EARNINGS INCLUDE PAID HOLIDAYS, VACATION, AND SICK LEAVE. THEY ARE AFFECTED BY CHANGES IN WORK FORCE COMPOSITION AND IN WAGE RATES.

* DATA FROM 1986 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

NEW JERSEY LABOR FORCE DATA
(THOUSANDS)

	AUG 1987	JUL 1987	AUG 1986	NET CHANGE FROM MONTH AGO	NET CHANGE FROM YEAR AGO
CIVILIAN LABOR FORCE	4,022	4,025	3,951	- 3.0	71.0
TOTAL EMPLOYMENT	3,867	3,843	3,775	24.0	92.0
TOTAL UNEMPLOYMENT	155	181	176	-26.0	-21.0
SEASONALLY ADJUSTED UNEMP. TOTAL	171	159	192	12.0	-21.0
UNEMPLOYMENT RATE	3.9	4.5	4.5	- 0.6	- 0.6
SEASONALLY ADJUSTED UNEMP. RATE	4.3	4.0	4.9	0.3	- 0.6

NOTE: BASED ON U.S. BUREAU OF LABOR STATISTICS METHOD.

SEASONALLY ADJUSTED
CHARACTERISTICS OF THE NEW JERSEY INSURED UNEMPLOYED*
(REGULAR STATE UI PROGRAM ONLY)
(THOUSANDS)

	AUG 1987	JUL 1987	AUG 1986	NET CHANGE FROM MONTH AGO	NET CHANGE FROM YEAR AGO
TOTAL INSURED UNEMPLOYED (UNADJ.)	68.1	72.1	81.9	- 4.0	-13.8
TOTAL INSURED UNEMPLOYED	72.1	73.8	86.6	- 1.7	-14.5
MALE	40.7	41.2	48.4	- 0.5	- 7.7
FEMALE	31.9	32.5	38.6	- 0.6	- 6.7
WHITE, NOT HISPANIC	43.3	44.7	51.2	- 1.4	- 7.9
BLACK, NOT HISPANIC	16.3	15.4	20.2	+ 0.9	- 3.9
HISPANIC	11.4	12.6	14.7	- 1.2	- 3.3
OTHER**	0.6	0.5	0.5	+ 0.1	+ 0.1
MANUFACTURING	23.1	24.3	31.8	- 1.2	- 8.7
DURABLE GOODS	10.1	10.1	14.7	0.0	- 4.6
NONDURABLE GOODS	13.0	14.2	17.1	- 1.2	- 4.1
NONMANUFACTURING	48.6	49.7	54.7	- 1.1	- 6.1
CONTRACT CONSTRUCTION	6.8	7.3	9.4	- 0.5	- 2.6
TRANS. & PUBLIC UTILITIES	4.5	4.9	5.0	- 0.4	- 0.5
WHOLESALE & RETAIL TRADE	15.7	15.1	17.2	+ 0.6	- 1.5
FINANCE/INS/REAL ESTATE	3.0	2.9	2.5	+ 0.1	+ 0.5
SERVICES	15.4	16.1	16.1	- 0.7	- 0.7
BY AGE OF CLAIMANT					
UNDER 25	8.1	9.0	12.0	- 0.9	- 3.9
25 THROUGH 34	23.8	24.9	27.5	- 1.1	- 3.7
35 THROUGH 44	15.8	16.5	18.6	- 0.7	- 2.8
45 THROUGH 54	11.6	11.3	14.7	+ 0.3	- 3.1
55 THROUGH 64	10.0	9.8	11.0	+ 0.2	- 1.0
65 AND OVER	2.5	2.4	2.2	+ 0.1	+ 0.3
BY DURATION OF UNEMPLOYMENT					
1 TO 2 WEEKS	7.0	8.2	7.8	- 1.2	- 0.8
3 TO 4 WEEKS	7.9	8.7	9.2	- 0.8	- 1.3
5 THROUGH 14 WEEKS	36.6	34.9	44.7	+ 1.7	- 8.1
15 WEEKS AND OVER	20.3	20.3	24.4	0.0	- 4.1

*DATA ARE FOR CLAIMANTS IN THE WEEK INCLUDING THE 19TH OF THE MONTH AND ARE SEASONALLY ADJUSTED, EXCEPT AS NOTED. THE DATA ON CHARACTERISTICS OF THE INSURED UNEMPLOYED UNDER THE REGULAR STATE UI PROGRAM ARE BASED ON A 3% SAMPLE OF ALL INSURED UNEMPLOYED. INDUSTRY DATA ARE FOR SELECTED CATEGORIES AND DO NOT ADD TO TOTALS.
**NOT SEASONALLY ADJUSTED

RESIDENTIAL CONSTRUCTION AUTHORIZED BY BUILDING PERMITS IN NEW JERSEY

	July[1] 1987	June[2] 1987	Year to Date[3] 1987	1986	% Change
TOTAL DWELLING UNITS AUTHORIZED	3,442	4,553	23,814	25,425	- 6.4
Private Units	3,410	4,553	23,782	25,353	- 6.2
Single Family	2,603	3,057	17,376	19,178	- 9.4
Two-Family	108	180	1,026	1,362	-24.7
Three-or-Four Family	47	42	257	220	16.8
Five or More Family	652	1,274	5,123	4,593	11.5
Public Units	32	0	32	72	-55.6
ESTIMATED VALUE OF RESIDENTIAL PERMITS (000)	$303,448	$390,397	$2,021,978	$1,804,336	12.1
New Buildings	$240,089	$317,003	$1,639,429	$1,518,648	8.0
Additions and Alterations	$ 63,359	$ 73,394	$ 382,549	$ 285,688	33.9

[1]Based on reports received from 437 of 567 municipalities.

[2]Based on reports received from 437 of 567 municipalities.

[3]Does not include any late reports.

SOURCE: N.J. Department of Labor

OFFICIAL BLS SAMPLE ESTIMATES
STANDARD ERRORS AND COEFFICIENTS OF VARIATION
(not seasonally adjusted)

		RESIDENT EMPLOYMENT (in thousands)			UNEMPLOYMENT (in thousands)			UNEMPLOYMENT RATE (percent of labor force)		
Year	Month	Estimate	Standard Error	Coefficient of Variation	Estimate	Standard Error	Coefficient of Variation	Estimate	Standard Error	Coefficient of Variation
1985	Jan	3,513	±60	1.7%	253	±30	11.9%	6.7%	±.8	11.9%
	Feb	3,556	±60	1.7%	252	±30	11.9%	6.6%	±.8	12.1%
	Mar	3,572	±60	1.7%	253	±30	11.9%	6.6%	±.8	12.1%
	Apr	3,605	±60	1.7%	228	±29	12.7%	5.9%	±.7	11.9%
	May	3,631	±60	1.7%	190	±26	13.7%	5.0%	±.7	14.0%
	Jun	3,666	±60	1.6%	213	±28	13.1%	5.5%	±.7	12.7%
	Jul	3,710	±59	1.6%	236	±29	12.3%	6.0%	±.7	11.7%
	Aug	3,686	±59	1.6%	171	±25	14.6%	4.4%	±.6	13.6%
	Sep	3,632	±60	1.7%	182	±26	14.3%	4.8%	±.7	14.6%
	Oct	3,605	±60	1.7%	209	±27	12.9%	5.5%	±.7	12.7%
	Nov	3,634	±60	1.7%	216	±28	13.0%	5.6%	±.7	12.5%
	Dec	3,621	±60	1.7%	207	±27	13.0%	5.4%	±.7	13.0%
1986	Jan	3,569	±60	1.7%	263	±31	11.8%	6.9%	±.8	11.6%
	Feb	3,625	±60	1.7%	247	±30	12.1%	6.4%	±.8	12.5%
	Mar	3,630	±60	1.7%	188	±26	13.8%	4.9%	±.7	14.3%
	Apr	3,660	±60	1.6%	180	±26	14.4%	4.7%	±.7	14.9%
	May	3,712	±59	1.6%	206	±27	13.1%	5.3%	±.7	13.2%
	Jun	3,780	±59	1.6%	201	±27	13.4%	5.0%	±.7	14.0%
	Jul	3,772	±59	1.6%	227	±29	12.8%	5.7%	±.7	12.3%
	Aug	3,775	±59	1.6%	176	±25	14.2%	4.5%	±.6	13.3%
	Sep	3,720	±59	1.6%	166	±25	15.1%	4.3%	±.6	14.0%
	Oct	3,674	±60	1.6%	186	±26	14.0%	4.8%	±.7	14.6%
	Nov	3,729	±59	1.6%	158	±24	15.2%	4.1%	±.6	14.6%
	Dec	3,701	±59	1.6%	151	±23	15.2%	3.9%	±.6	15.4%
1987	Jan	3,639	±60	1.6%	174	±25	14.4%	4.6%	±.7	15.2%
	Feb	3,707	±59	1.6%	188	±26	13.8%	4.8%	±.7	14.6%
	Mar	3,781	±59	1.6%	169	±25	14.8%	4.3%	±.6	14.0%
	Apr	3,785	±59	1.6%	149	±23	15.4%	3.8%	±.6	15.8%
	May	3,862	±58	1.5%	167	±25	15.0%	4.2%	±.6	14.3%
	Jun	3,862	±58	1.5%	167	±25	15.0%	4.1%	±.6	14.6%
	Jul	3,843	±59	1.5%	181	±26	14.4%	4.5%	±.6	13.3%
	Aug	3,867	±58	1.5%	155	±24	15.5%	3.9%	±.6	15.4%
	Sep									
	Oct									
	Nov									
	Dec									

Data Notes

Standard errors can be used to construct confidence intervals around each sample estimate. A 90% confidence interval means that, if repeated samples were drawn from the same population, the interval of plus or minus 1.645 standard error around each sample estimate would contain, in 9 out of 10 cases, the true value based on a complete census of the population.

The standard errors and coefficients of variation are developed on the basis of past observed variation in New Jersey's sample data. They cannot be applied to seasonally adjusted data because a source of variation, namely seasonal patterns, have already been eliminated by the seasonal adjustment procedure.

Standard errors (S.E.) and coefficient of variation (C.V.) for all years are based on 1985 CPS sample parameters.

COMPARATIVE US AND NJ
CIVILIAN LABOR FORCE TRENDS
SEASONALLY ADJUSTED
(000)
1986 BENCHMARK

DATE	LABOR FORCE		EMPLOYMENT		UNEMPLOYMENT VOLUME		UNEMPLOYMENT RATE(%)	
	US	NJ	US	NJ	US	NJ	US	NJ
1970	82,771	2,996.0	78,678	2,859.0	4,093	138.0	4.9	4.6
1971	84,382	3,012.0	79,367	2,840.0	5,016	172.0	5.9	5.7
1972	87,034	3,117.0	82,153	2,935.0	4,882	182.0	5.6	5.8
1973	89,429	3,190.0	85,064	3,011.0	4,365	180.0	4.9	5.6
1974	91,949	3,226.0	86,794	3,023.0	5,156	204.0	5.6	6.3
1975	93,775	3,264.0	85,846	2,929.0	7,929	334.0	8.5	10.2
1976	96,158	3,318.0	88,752	2,973.0	7,406	346.0	7.7	10.4
1977	99,009	3,383.0	92,017	3,065.0	6,991	317.0	7.1	9.4
1978	102,251	3,457.0	96,048	3,209.0	6,202	248.0	6.1	7.2
1979	104,962	3,570.0	98,824	3,323.0	6,137	247.0	5.8	6.9
1980	106,940	3,594.0	99,303	3,334.0	7,637	260.0	7.1	7.2
1981	108,670	3,593.0	100,397	3,330.0	8,273	263.0	7.6	7.3
1982	110,204	3,632.0	99,526	3,306.0	10,678	326.0	9.7	9.0
1983	111,550	3,673.0	100,834	3,385.0	10,717	288.0	9.6	7.8
1984	113,544	3,825.0	105,005	3,589.0	8,539	236.0	7.5	6.2
1985	115,461	3,835.0	107,150	3,617.0	8,312	217.0	7.2	5.7
1986	117,834	3,892.0	109,597	3,696.0	8,237	196.0	7.0	5.0
1986								
JAN	116,794	3,875.0	108,892	3,645.0	7,902	230.0	6.8	5.9
FEB	117,042	3,889.0	108,557	3,666.0	8,485	223.0	7.2	5.7
MAR	117,187	3,834.0	108,807	3,670.0	8,380	164.0	7.2	4.3
APR	117,292	3,851.0	108,969	3,664.0	8,323	187.0	7.1	4.9
MAY	117,587	3,891.0	109,165	3,685.0	8,422	206.0	7.2	5.3
JUN	118,005	3,928.0	109,613	3,728.0	8,392	200.0	7.1	5.1
JUL	118,117	3,904.0	109,887	3,698.0	8,230	206.0	7.0	5.3
AUG	118,124	3,916.0	110,067	3,724.0	8,057	192.0	6.8	4.9
SEP	118,272	3,918.0	109,987	3,729.0	8,285	189.0	7.0	4.8
OCT	118,414	3,876.0	110,192	3,674.0	8,222	202.0	6.9	5.2
NOV	118,675	3,914.0	110,432	3,737.0	8,243	177.0	6.9	4.5
DEC	118,586	3,900.0	110,637	3,727.0	7,949	173.0	6.7	4.4
1987								
JAN	119,034	3,857.0	111,011	3,718.0	8,023	139.0	6.7	3.6
FEB	119,349	3,908.0	111,382	3,746.0	7,967	162.0	6.7	4.1
MAR	119,222	3,965.0	111,368	3,819.0	7,854	146.0	6.6	3.7
APR	119,335	3,946.0	111,835	3,791.0	7,500	155.0	6.3	3.9
MAY	119,993	4,003.0	112,447	3,836.0	7,546	167.0	6.3	4.2
JUN	119,517	3,977.0	112,257	3,809.0	7,260	168.0	6.1	4.2
JUL	119,952	3,930.0	112,727	3,771.0	7,224	159.0	6.0	4.0
AUG	120,302	3,986.0	113,081	3,815.0	7,221	171.0	6.0	4.3

SOURCE: U.S. BUREAU OF LABOR STATISTICS

MONTHLY AVERAGES FOR INDICATORS
SERIES 1 THROUGH 36

	INDICATOR SERIES	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
1	CIVILIAN LABOR FORCE (THOU)	3318.0	3383.0	3457.0	3570.0	3594.0	3593.0	3632.0	3673.0	3825.0	3835.0	3892.0
2	RESIDENT EMPLOYMENT (THOU)	2973.0	3065.0	3209.0	3323.0	3334.0	3330.0	3306.0	3385.0	3589.0	3617.0	3696.0
3	RESIDENT UNEMPLOYMENT (THOU)	346.0	317.0	248.0	247.0	260.0	263.0	326.0	288.0	236.0	217.0	196.0
4	LABOR FORCE PART RATE (%)	61.6	62.2	62.9	64.3	64.2	63.5	63.6	63.6	65.6	65.4	65.7
5	EMPLOYMENT POP RATIO (%)	55.2	56.4	58.4	59.8	59.5	58.8	57.9	58.6	61.5	61.7	62.4
6	UNEMPLOYMENT RATE (%)	10.4	9.4	7.2	6.9	7.2	7.3	9.0	7.8	6.2	5.7	5.0
7	NONFARM PAYROLL EMPLOY (THOU)	2753.7	2836.9	2961.9	3027.2	3060.4	3098.9	3092.8	3165.1	3329.3	3414.3	3486.9
8	PRIV SECTOR NONFARM EMP (THOU)	2273.2	2332.9	2438.9	2509.4	2530.7	2569.9	2568.1	2643.9	2807.2	2883.2	2951.2
9	PUB SECTOR EMPLOYMENT (THOU)	480.5	504.0	523.0	517.8	529.7	529.3	524.7	521.2	522.1	531.1	535.7
10	MANUFACTURING EMP (THOU)	756.2	767.3	786.8	799.1	781.0	771.1	729.6	715.1	726.8	713.0	692.8
11	CONSTRUCTION EMPLOYMENT (THOU)	93.1	94.5	105.3	113.7	111.2	108.7	107.3	112.1	131.3	141.0	153.5
12	SERVICE-PRODUCING IND (THOU)	1420.5	1468.2	1544.3	1593.9	1636.1	1687.8	1729.0	1814.7	1947.0	2026.9	2102.7
13	MANUFACT PROD WKRS (THOU)	509.7	517.2	528.5	530.7	509.9	503.1	467.7	457.1	457.9	440.7	424.2
14	MANUFACT WORKWEEK (HOURS)	40.4	41.1	40.8	41.2	40.7	40.6	39.9	40.6	41.1	40.8	41.2
15	AGGREG MANUFACT MANHRS (THOU)	20611	21268	21538	21838	20726	20449	18676	18551	18842	17971	17456
16	WKLY EARNINGS OF PROD WKRS ($)	215.33	239.20	256.22	276.45	297.16	327.16	345.53	369.87	390.45	402.29	416.93
17	CONSUMER PRICE INDEX (1967=100)	170.5	181.5	195.3	217.7	247.0	272.3	288.6	297.4	307.6	318.5	323.4
18	NET SPENDABLE EARNINGS ($)	105.33	110.16	110.17	108.75	103.33	101.55	102.84	106.00	107.46	105.79	106.82
19	NEW BUSINESS INCORPS (NO)	1523.0	1614.0	1698.0	1764.0	1790.0	2009.0	1867.0	2185.0	2304.0	2538.0	2761.0
20	BUSINESS FAILURES (NO)	55.0	45.0	35.0	35.0	36.0	43.0	43.0	57.0	84.0	83.0	75.0
21	ELEC POWER SALES (MIL OF KWH)	1313.0	1305.0	1366.0	1383.0	1362.0	1359.0	1269.0	1282.0	1309.0	1303.0	1299.0
22	TOTAL CONST CONTRACTS ($MIL)	174.0	399.7	345.3	300.2	296.9	295.5	308.8	468.5	536.8	671.1	673.3
23	RESID CONST CONTRACTS ($MIL)	67.7	93.6	113.6	141.3	108.8	108.6	116.1	228.2	242.3	347.5	339.7
24	NONRES CONST CONTRACTS ($MIL)	63.0	76.3	100.2	112.3	129.0	132.8	132.8	176.6	215.5	221.9	242.8
25	TOTAL DWELLING UNITS (NO)	2267.0	2354.0	2630.0	2495.0	1627.0	1526.0	1572.0	2609.0	2660.0	3555.0	3817.0
26	SINGLE FAMILY DWELL UNITS (NO)	1440.0	1599.0	1917.0	1630.0	1085.0	920.0	978.0	1664.0	1841.0	2427.0	2815.0
27	MULTI-FAMILY DWELL UNITS (NO)	640.0	589.0	510.0	673.0	392.0	469.0	498.0	790.0	671.0	915.0	788.0
28	RETAIL SALES ($MIL)	1819.0	2006.0	2300.0	2550.0	2721.0	2855.0	2980.0	3240.0	3541.0	3851.0	4232.0
29	RETAIL SALES IN 1967 $ ($MIL)	1081.0	1138.0	1235.0	1245.0	1183.0	1145.0	1155.0	1222.0	1295.0	1376.0	1519.0
30	NEW PASSENGER CAR REG (NO)	29986	36077	34662	31275	30448	26665	27018	29171	36104	37885	45956
31	WEEKS CLAIMED WKLY AVG. (THOU)	140.3	125.3	118.0	125.5	135.0	126.5	138.9	112.7	93.7	93.4	84.9
	INSURED UNEMP RATE (%)	6.4	5.6	5.1	4.7	4.7	4.3	4.7	3.8	3.1	3.0	2.6
32	INITIAL CLAIMS WEEKLY AVG (NO)	14599	14458	14228	16175	16346	15029	15842	12891	11363	10758	10500
33	EXHAUSTIONS (NO)	16343	14881	11145	12125	13112	13686	16597	14369	12150	9644.0	8919.0
34	INSURED UNEMP IN MFG (THOU)	48.9	43.5	40.6	42.0	50.9	43.3	54.6	41.0	33.4	36.2	30.3
35	INSURED UNEMP IN CONST (THOU)	17.0	14.0	11.2	11.1	13.9	12.4	14.0	11.8	8.7	9.1	9.7
36	INS UNEMP PRIV SERV-PROD (THOU)	60.1	56.7	51.7	53.8	57.9	59.5	61.7	54.5	43.4	42.0	40.9

NOTE: SEE PAGES S-1 TO S-3 FOR DATA SOURCES. DATA SHOWN USING LATEST AVAILABLE BENCHMARKS.
SEE APPROPRIATE PAGES FOR MONTHLY DATA.

STATE OF NEW JERSEY
DEPARTMENT OF LABOR
DIVISION OF PLANNING AND RESEARCH
C N 056
TRENTON, NEW JERSEY 08625-0056

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